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Lancaster Farming

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VOL. 38 No. 5 | Four Sections | Lancaster Farming, Saturday, December 12, 1992 | 60¢ Per Copy | $19.00 Per Year

New Status Topic Of Discussion At Lancaster DHIA Annual Meeting

EVERETT NEWSWANGER
Managing Editor

BIRD-IN-HAND (Lancaster Co.)—In what was described as "the largest group of dairy farmers from one county in any meeting I ever attended," the Lancaster DHIA held its first annual meeting after completing the transfer of their records processing to Raleigh and lab testing to Maryland. The dining room at Good and Plenty Restaurant was packed.

"The best way to summarize the happenings in the last year is to say we have had many changes, many meetings, and many frustrations," said Robert Wenger, president.

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At the Lancaster DHIA banquet are, left to right, Robert Wenger, president; John Howard, high production award; Harold Probst, top technician performance award and 35 years of service; and Jay Mylin, county manager.

Brian Miller mixes feed for the cows. After more than two years working construction, he returned to the home farm for the life he loves.

Wrights Receive Guernsey Award

C.J. HOUGHTALING
Tioga Co. Correspondent

CANTON (Bradford Co.) — The icy wind may sting with the bite of winter, but Way View Farm, home of Wrights' Golden Guernseys, emits a warmth that's down-home country friendly and inviting. It's even evident in the welcome sign posted on the front lawn. Upon meeting the owners, Lyle and Laureen Wright, it's easy to see where this warmth comes from.

They have a deep faith in God, strong sense of humor, and a genuine love for their work. Their partnership — for indeed, they are partners in every sense, working side-by-side in the barn as well as the field — generates a happiness that overflows.

And it reflects in their animals. From their dogs, a pair of peekapoms and a collie cross, to their barn cats, far from the aloof and skittish commonly found on farms, to their cows who even reach out their heads to be nuzzled by strangers, it's obvious these creatures are well cared for.

Perhaps this is the secret to the Wrights' success. They recently received the DHIA Herd Management Award in the Guernsey divi-

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Brenda, one of the Wrights' top cows, poses with Lyle and Laureen for a photo.

DHIA Names Miller Farm Improved Holstein Herd

VERNON ACHENBACH, JR.
Lancaster Farming Staff

MARTIN'S CREEK (Northampton Co.) — Pennsylvania Dairy Herd Improvement Association has named the Frank Miller Jr. farm in Northampton County as the most improved Holstein dairy herd in the state.

The news came as a surprise to Frank Miller and family, they said, not only because the were also honored for having the highest averaging protein production in the state at 885 pounds per cow, but because they haven't really changed much of how they farm for at least 10 years.

But the surprise recognition was a happy one, Frank said, and reflects the all-for-one family attitude.

DHIA records show that their 50- to 60-head mostly registered Holstein herd has averaged more than 21,000 pounds of milk for at least the past four years. This past year, it is up to 27,479 pounds of milk, 983 pounds of fat and 885 pounds of protein on two-times-per-day milking.

Last year, their ending herd average was 23,296 pounds of milk, 859 pounds of fat and 765 pounds of protein, and ranked them third in the county.

Also, their somatic cell counts

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Christmas Deadlines

The ***Lancaster Farming*** office will be closed Friday December 28 in observance of Christmas day. Early deadlines will be followed the week of Christmas. These deadlines are as follows:

Public Sale Ads — 5 p.m., Fri., 12/18.

Mailbox Markets — 5 p.m., Fri., 12/18.

General News — Noon, Tue., 12/22.

Clasified Section C Ads — 5 p.m., Mon., 12/21.

All Other Classified Ads — 9 a.m., Tue. 12/22.

Proper Well Construction First Step In Water Quality

Editor's Note: In part 1 of the water quality series last week, Lancaster Farming interviewed a farmer who discovered problems with well water quality and what he did about it. Also, a DER report emphasized the need for closer monitoring of wells. In part 2, Lancaster Farming emphasizes the importance of wellhead construction, quality, and maintenance.

Protect groundwater
— it's your drinking water.
— Sign on door
of ag extension office.

ANDY ANDREWS
Lancaster Farming Staff

EPHRATA (Lancaster Co.) — About 10 years ago on a hot September day, Clark Stauffer remembers when the valve caps blew off accidentally and the dangerous anhydrous ammonia gas began floating between the barn buildings.

Trying everything to stop it, and knowing the gas could end up killing his livestock, Stauffer quickly hauled the tank away from the barn into a nearby field. The spill couldn't be contained. So two tons

(Turn to Page A18)

Please Find Pennsylvania DHIA Newsletter, Pages C12-C14. Profiles Of Herd Management Award Winners Throughout This Issue.

Lancaster Co. Livestock Market Auctions

Lancaster Livestock Auction

LANCASTER, PA
DECEMBER 8, 1992

	Cattle	Calves	Hogs	Sheep	Goats
MONDAY'S AUCTION	894	115	221	1013	723
LAST MONDAY'S AUCTION	684	113	133	577	287
LAST YEAR'S AUCTION	930	83	245	1212	184

CATTLE: Slaughter steers 1.00-1.50 lower; slaughter heifers steady to weak; cows weak to 50 lower; bullocks fully steady; bulls firm to 1.00 higher. Supply included 48% slaughter steers, 14% slaughter heifers, 28% cows, with the balance bulls.

SLAUGHTER STEERS: Choice 2-3 few 4 1100-1400 lb 74.50-76.50; few Choice 2 1150-1300 lb 77.00-78.00; few lots Choice 3-4 1250-1450 lb 73.75-74.50; Select and low Choice 2-3 1075-1350 lb 72.75-74.50, few 74.50-75.00, around 30 head 1050-1150 lb returned to feedlot at 72.25-74.50.

HOLSTEINS: Choice 2-3 1125-1400 lb 66.00-67.00; Select 1-3 1050-1525 lb 61.50-63.75; few Standard 1100-1450 lb 57.00-59.50.

SLAUGHTER HEIFERS: Choice 2-3 950-1200 lb 71.50-75.10; couple Choice 2 1125-1250 lb 75.50-76.50; Select 2-3 950-1200 lb 66.75-71.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 45.50-49.00 49.00-50.50 Commercial 3-4 43.50-46.50 Cutter & Boning Utility 1-2 44.00-45.00 45.00-49.00 49.00-50.50 Canner and low Cutter 40 00-42.00 42.00-45.00

BULLOCKS: Choice 2-3 1050-1350 lb 66.50-68.50, couple 71.00-72.25; Select 1-3 1100-1350 lb 62.25-66.00

BULLS: Yield grade 1 1200-2350 lb 61.00-66.00, few 66.00-68 00, with five head 69.75-72.50; Yield grade 2 1200-1600 lb 56.00-61.00.

CALVES: Vealers scarce, slaughter calves steady. Demand good for Holstein bulls to return to farm.

VEALERS· Few high Good and low Choice 80-110 lb 45.00-55.00.

SLAUGHTER CALVES: Good and Choice 275-450 lb 60.00-85.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 120.00-150.00.

HOGS: Barrows and gilts firm to 50 higher; sows steady, instances 1.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lb 42.00-42.50. US 1-3 210-255 lb 41.00-42.00.

SOWS US 1-3 300-625 lb 31.00-33.00, Few 500-625 lb 33.00-34.00.

BOARS: All weights 29.00-30.50

SHEEP: Wooled lambs 5.00-8.00 lower; slaughter ewes steady to weak. Supply included 75% wooled lambs, 5% New Crop lambs, with the balance slaughter ewes

WOOLED LAMBS: Choice 2-3 50-110 lb 80.00-90.00; few 50-75 lb 90.00-100.00; few 110-125 lb 75.00-85.00.

NEW CROP LAMBS: Few Choice 30-55 lb 110.00-137.00, with about 10 head 35-40 lb 179.00-190.00.

SLAUGHTER EWES: Utility and Good 28.00-42.00; Yearlings and two-year olds 40.00-60.00.

GOATS: All goats sold by the head Large Billies 75.00-100.00, few 100.00-140.00; Large Nannies 55.00-75.00. Medium 50.00-60.00; few Thin 45.00-50.00. Small, mainly kids, 30.00-45.00, few Thin 20.00-30.00.

Vintage Livestock Auction

Paradise, Pa
Tuesday, December 8, 1992

	Cattle	Calves	Sheep	Goats
TODAY	685	894	3	0
LAST TUESDAY	655	1053	5	0
LAST YEAR	962	1065	6	0

CATTLE ..USDA... Supply included 27% slaughter steers and 63% cows Compared with Monday's market: Small supply sl. steers steady, instances .50 higher on few Choice 2; sl. heifers not tested, bulls steady to weak; cows weak to 50 lower. SL. STEERS: Choice 2-3 few 4 1100/1450 lbs. 74.35-76.50, few 76.50-77.25, Choice 2 1100/1325 lbs. 77.25-78.75, few Choice 3-4 1300/1450 lbs. 73.00-74.25, Select and Low Choice 2-3 1050/1450 lbs. 71.75-74.75, Select 2-3 1000/1300 lbs. 67.00-71.00. COWS Breaking Utility and Commercial 2-3 bulk 46.50-48.75, high dressing 48.75-50 00, Commercial 3-4 bulk 40.00-45.00, Cutter and Boning Utility 1-2 low dressing 44 25-45.00, bulk 45.00-48.50, high dressing 48.50-51.00, Canner & Low Cutter low dressing 40.00-41.50, bulk 41.50-44 75 BULLS: Yield Grade 1 1435/1700 lbs 65.50-66.75, Yield Grade 2 1300/1900 lbs 56.00-59.75 CALVES.. Vealers steady Supply included 747 in graded sale of which 92% sold to return to farm VEALERS· few High Good and Low Choice 155/350 lbs 70 00-82 00, 80/110 lbs. 42.00-50.00, Standard and Low Good 60/85 lbs. 20.00-42.00. RETURNED TO FARM: 40 head Holstein bulls 120/125 lbs. 130.00-133.00, 215 head 95/115 lbs 140 00-155.00, 45 head 100/105 lbs 160 00, and 100 head 80/90 lbs. 121 00-128.00, 20 head small frame 110/120 lbs. 115.00, 40 head 100/105 lbs. 121 00-122.00, 50 head 90/95 lbs 106.00-109.00 and 25 head 80/85 lbs. 100 00. 25 head Holstein heifers 100/120 lbs 175.00-182.00, 50 head 80/95 lbs 134 00-142.00 and 15 head 70/75 lbs. 90.00, 10 head small frame 90/105 lbs. 110.00-115.00, 10 head 80/85 lbs 77 00 and 10 head 65/75 lbs 61.00.

SHEEP...No market test.

GOATS...No market test.

Lancaster Livestock Auction

Wednesday's market report has been discontinued until further notice because of insubstantial receipts.

Morrison Cove Livestock

Martinsburg, Pa.
Dec. 7, 1992
Report supplied by auction

CATTLE 218. STEERS CHOICE 76.50-79.10; GOOD 67.50-71.50.

HEIFERS: CHOICE 74.50-77.10; GOOD 65.50-70.50.

COWS: UTILITY & COMMERCIAL 41.00-49.50; CANNER & LOW CUTTER 31.50-42.50.

BULLOCKS: GOOD & CHOICE 58.50-61.50.

BULLS: YIELD GRADE NO. 1 54.50-58.50.

FEEDER CATTLE: STEERS 65.00-79.00; BULLS 53.00-68.00; HEIFERS 54.00-71.00.

CALVES 318. PRIME AND CHOICE, NO MKT. TEST; GOOD 91.00-95.00; GOOD 66.00-89.00; STANDARD 25.00-55.00; HOLSTEIN BULLS 90-130 LBS. 125.00-147.00; HOLSTEIN HEIFERS 90-130 LBS. 120.00-151.00.

HOGS: 156. US NO. 1-2 41.50-42.50; US NO. 1-3 39.00-40.50.

SOWS: US NO. 1-3 29.00-34.50.

BOARS 27.50-32.00.

FEEDER PIGS: 66 HEAD. US#1-3 20-50 LBS. 19.00-29.00.

SHEEP: 23 HEAD. CHOICE 60.00-79.00; GOOD 52.00-59.00; SLAUGHTER EWES 17.00-23.00.

GOATS: 37.00-49.00.

28 LOADS OF HAY. ALFALFA 86.00-102.00; TIMOTHY 76.00-108.00; 11 LOADS OF STRAW 70.00-89.00.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Dec. 8, 1992
Report supplied by auction

CALVES .21-1.72½ .
COWS .30-57½ .
EASY COWS .24-.45.
HEIFERS .39½ .65½ .
BULLS .47-.61½ .
STEERS .47½ -.70½ .
HOGS .29-.38.
ROASTING PIGS EACH 10.00-25.00.
SOWS .25-.30.
BOARS .27-.30.
SHEEP .21-.66.
LAMBS EACH 14.00-70.00.
LAMBS PER LB. .45-.91.
GOATS EACH 35.00-112.50.
KIDS EACH 25.00-70.00.
HIDES 15.00.
TOTAL 1214

New Holland Livestock Auction

Lancaster, Pa.
Thursday, December 10, 1992

	Cattle	Calves	Sheep	Goats
Today	781	451	365	134
Last Thursday	1209	679	164	93
Last Year	1126	690	311	165

CATTLE: Slaughter steers 1.00 higher, instances 1.50 higher; slaughter heifers scarce; cows 50-1.00 higher; bullocks steady; bulls steady, although yield grade 1 not fully tested. Supply included 29% slaughter steers and 48% cows.

SLAUGHTER STEERS: Choice 2-3 few 4 1080-1480 lb 75.25-78.00; mixed Choice and Prime 2-3, few 4 1250-1425 lb 77.25-79.00; few Choice 3-4 1200-1475 lb 74.00-75.00; Select and low Choice 2-3 1050-1450 lb 72.00-75.50; few Select 2-3 1050-1300 lb 67.00-71.50.

HOLSTEINS: Few Choice 2-3 1200-1560 lb 64.50-67.50, couple 68.00-68.75.

SLAUGHTER HEIFERS: Few Choice 2-3 1050-1250 lb 71.00-73.75.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 46.50-49.25 49.50-52.00. Commercial 3-4 42.75-47.00. Cutter & Boning Utility 1-2 45.50-49.50 49.50-51.75. Canner and low Cutter 40.00-42.00, 42.00-45.00. few 38.00-40.00.

BULLOCKS: Few Select 2-3 1150-1300 lb 59.25-63.50.

BULLS: Yield grade 2 1050-1600 lb 55.00-59.00; few yield grade 1 1350-1700 lb 59.00-62.25.

CALVES: Vealers steady to weak. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Individual Choice 270 lb 91.00; high Good and low Choice 180-365 lb 65.00-81.00, 80-110 lb 45.00-50.00; Standard and low Good 55-80 lb 30.00-42.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein Bulls 125.00-160.00, few 160.00- 165.00; small frame 95-120 lb 100.00-125.00, 80-90 lb 85.00-100.00; few 90- 120 lb Holstein Heifers 140.00-170.00.

SHEEP: Wooled lambs and slaughter ewes steady. Supply included 70% wooled lambs, 10% New Crop Lambs, with the balance slaughter ewes.

WOOLED LAMBS: Choice 2-3 80-100 lb 64.00-81.00, 50-75 lb 76.00-85.00.

NEW CROP LAMBS: Choice 30-65 lb 105.00-130.00, 10 head 30-45 lb 150.00-180.00.

SLAUGHTER EWES: Utility and Good 25.00-37.00.

GOATS: All goats sold by the head; Large 60.00-90.00, few 94.00-108.00; Medium 36.00-58.00, few fleshy 60.00-71.00; Small, mainly kids, 25.00-40.00, few fleshy 55.00-64.00.

Lancaster County Weekly

Lancaster, Pa.
Friday, December 11, 1992

	Cattle	Calves
This Week	2800	1460
Last Week	2973	1845
Last Year	3269	1826

CATTLE: Small supply slaughter steers on Thursday weak to 50 lower, with the bulk of the early week sales 1.00-1.50 lower; slaughter heifers steady to weak; cows closed steady to 50 lower, after being 1.00-1.50 lower early; bullocks fully steady; bulls firm to 1.00 higher, although Yield grade 1 not fully tested late. Supply included 30% slaughter steers, 7% slaughter heifers, 38% cows, 5% bulls, with balance feeders.

SLAUGHTER STEERS: Choice 2-3 few 4 1080-1480 lb 74.35-76.50, few late 76.50- 78.00; Choice 2 1100-1325 lb 77.00-79.00; few Choice 3-4 1200-1475 lb 73.00- 75.00; Select and low Choice 2-3 1050-1450 lb 71.75-75.50; few Select 2-3 1000-1300 lb 67.00-71.50.

HOLSTEINS: Choice 2-3 1125-1550 lb 64.50-67.50; Select 1-3 1050-1525 lb 61.50-64.50.

SLAUGHTER HEIFERS: Choice 2-3 950-1200 lb 71.50-75.10; couple Choice 2 1125- 1250 lb 75.50-76.50; Select 2-3 950-1200 lb 66.75-71.00.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 46.50-49.25 49.50-52.00 Commercial 3-4 42.00-47.00 Cutter & Boning Utility 1-2 44.00-45.00 45.00-49.50 49.50-51.75 Canner and low Cutter 40.00-42.00 42.00-45.00.

BULLOCKS: Choice 2-3 1050-1350 lb 66.50-68.50, couple 71.00-72.25; Select 1-3 1100-1350 lb 62.25-66.00.

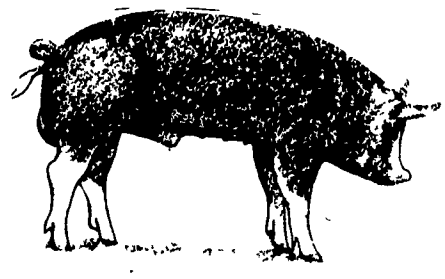
BULLS: Yield grade 1 1200-2350 lb 60.00-66.00, few early 66.00-68.00; Yield grade 2 1050-1600 lb 55.00-61.00.

CALVES: Vealers steady to weak; slaughter calves steady. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Couple Choice 200-270 lb 85.00-91.00; high Good and low Choice 155- 365 lb 65.00-85.00, 80-110 lb 42.00-52.00; Standard and low Good 55-85 lb 20.00-42.00.

SLAUGHTER CALVES: Good and Choice 275-450 lb 60.00-85.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 120.00-160.00, few 160.00- 165.00; small frame 90-120 lb 100.00-125.00, 80-90 lb 85.00-100.00. Few 80- 125 lb Holstein heifers 134.00-170.00, with 25 head 175.00-182.00; small frame 90-105 lb 110.00-130.00, few 65-85 lb 61.00-77.00.



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AUCTIONS
MONDAY
9:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. - Goats, Veal Calves, Lambs
12:00 Noon - Slaughter Hogs
WEDNESDAY
8:00 A.M. - Slaughter Hogs
10:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. - Veal Calves, Lambs
FRIDAY
11:00 A.M. - Stocker and Feeder Cattle
SATURDAY
8:00 A.M. - Slaughter Hogs

Holiday Schedule
No Hog Sale Sat. Dec. 26 & Sat. Jan. 2

Next Feeder Cattle Sale
Friday, Dec. 18 - 11:00 A.M.

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike, Lancaster, PA 17601
Incorporated in 1895 - Serving The Community for 97 Years

HAY, STRAW & CORN —SALE—
Please Note New Sale Time!
Starting Jan. 3
Sale Starts 10 AM
Every Friday At 10 AM
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

VINTAGE SALES STABLES, INC.
SALE TUESDAYS
10:30 A.M. — SLAUGHTER CATTLE AUCTION — STEERS, BULLS, HEIFERS, COWS, FEEDER CATTLE
7:30 P.M. — CALVES, SHEEP, GOATS
* GET CALVES IN EARLY — OUR STATE GRADER STARTS AT 1:00 P.M.
Selling Feeders Every Tuesday At Approx. 2 PM
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TRUCKING SERVICE AVAIL.-LOCAL & LONG DISTANCE
(RT. 30, 10 MILES EAST OF LANCASTER IN PARADISE, PA)

Hog Markets

New Holland Feeder Pigs

New Holland, PA
Wed., Dec. 10, 1992
Report Supplied by Auction

TODAY: 778 HEAD
LAST WEDNESDAY: 522 HEAD
LAST YEAR: 1436 HEAD

TREND: COMPARED TO LAST WEDNESDAY, FEEDER PIGS 2.00-5.00 HIGHER; WEIGHTS UNDER 40 LBS. SOLD MAINLY FOR SLAUGHTER. ALL PIGS WEIGHED ON ARRIVAL AND SOLD BY THE HUNDRED WEIGHT.

US#1&2: 36 HEAD 39 LBS. 92.00-96.00; 240 HEAD 40-49 LBS. 82.00-90.00; 122 HEAD 50-55 LBS. 84.00-90.00; 25 HEAD 54 LBS. 96.00; 6 HEAD 60 LBS. 76.00; 11 HEAD 72 LBS. 64.00.

US #2: 26 HEAD 43-49 LBS. 78.00-80.00; 27 HEAD 50-56 LBS. 72.00-81.00; 17 HEAD 76-80 LBS. 66.00.

SLAUGHTER: 65 HEAD 19-31 LBS. 116.00-154.00; 120 HEAD 16-40 LBS. 100.00-108.00.

New Holland Hog Auction

LANCASTER, PA
DECEMBER 7, 1992

HOG RECEIPTS	
TODAY	1156
LAST MONDAY	846
LAST YEAR	1292

TREND: Compared to last Monday barrows and gilts firm to 50 higher.

BARROWS AND GILTS: US 1-2 210-245 lb 42.00-43.00.

US 1 215-235 lb 43.25-44.00, 15 head 44.50-45.00.

US 1-3 210-250 lb 40.00-41.50.

US 2-3 240-260 lb 38.50-39.50. 260-270 lb 38.00-38.50.

Lancaster Hogs

Lancaster Stockyards
Sat., Dec. 5, 1992
Report supplied by auction

500 HEAD.
US 1 215-245 LBS. 43.00-44.00.
US 1-2 215-245 LBS. 41.50-42.50.
US 1-3 215-245 LBS. 40.00-41.00.
US 2-4 215-255 LBS. 39.00-40.00.
195-210 LBS. 38.00-39.00; 180-195 LBS. 36.00-38.00; 120-180 LBS. 35.00-37.00; 80-120 LBS. 30.00-35.00; 50-80 LBS. 30.00-35.00; 30-50 LBS. 25.00-35.00.

SOWS: GOOD SOWS 31.00-33.00; MEDIUMS 28.50-31.00; THINS 25.00-29.00.

BOARS: HEAVY BOARS 28.50-30.00; LIGHT BOARS 32.00-34.00.

State Graded Feeder Pig Sale

at Westminster
Livestock Auction
Dec. 4, 1992

499 PIGS, 2 WEEKS AGO 747. PRICES 2.00-10.00 HIGHER ON 35-50 LB. PIGS. HEAVYWEIGHTS SOLD STEADY.

GRADE 1: 44 HEAD 38-40 LBS. 70.00-75.00, 60 HEAD 60-69 LBS. 57.00-61.00, 116 HEAD 69-74 LBS 53.00-57.00.

GRADE 1 & 2: 53 HEAD, 44-47 LBS. 68.00-72.00, 58 HEAD 48-66 LBS 55.00-60.00; 121 HEAD 74-76 LBS. 52.00-53.50.

GRADE 2: 10 HEAD 45 LBS. 68.00.

NEXT STATE GRADED SALE DEC. 18, 1:30 P.M. NO SALE JAN. 1, 1993.

Indiana Hogs

Louisville, Kentucky
Thursday, December 10, 1992

INDIANA DIRECT HOGS FLASH BARROWS AND GILTS: .50-1.00 HIGHER. DEMAND MODERATE TO GOOD.

COUNTRY: PLANTS: US 1-2 230-260 LBS. 42.50-44.00 43.00-44.00

US 1-3 230-260 LBS. 40.00-42.50
210-230 LBS. 39.00-41.50

SOWS: UNDER 500 LBS. FIRM; OVER 500 LBS. FIRM TO 1.00 HIGHER.

US 1-3 300-500 LBS. 28.00-31.00
500-650 LBS. 30.00-32.00, FEW TO 33.00.

PRELIMINARY ESTIMATE: *26,000
*RECEIPTS HAVE CHANGED DUE TO CHANGE IN REPORTING BASE.

St. Louis Cattle, Hogs

Thursday, December 10, 1992

OPENING MID-SESSION WEEKLY CLOSE

CATTLE & CALVES: 400 (0 SLTR, 400 FDRS)

RECEIPTS CONSISTS OF FEEDER CATTLE AND SLAUGHTER COWS AND BULLS FOR THE REGULAR THURSDAY AUCTION.

SLAUGHTER CLASSES: COWS BUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4 BONING 1-2 LOW TO AVG. CUTTER

RECEIPTS THIS WEEK 1,200 WEEK AGO 1,700: YEAR AGO 1,900

COMPARED WITH LAST WEEK'S TERMINAL MARKET CLOSE, SLAUGHTER STEERS MOSTLY 50 HIGHER EXCEPT HOLSTEIN STEERS STEADY. SLAUGHTER HEIFERS MOSTLY 1.00 HIGHER.

COWS 4.00-5.00 LOWER. BULLS 3.00-4.00 LOWER.

SLAUGHTER SUPPLY MAINLY CHOICE

SLAUGHTER STEERS AND HEIFERS WITH AROUND 15% COWS AND A VERY LIGHT SUPPLY OF HOLSTEIN STEERS.

Hay & Grain Markets

Kirkwood Hay Auction

Kirkwood, Pa.
Tuesday, Dec. 8, 1992
Report Supplied by Auction

30 LOADS OF HAY.

MIXED HAY: 1ST CUTTING 138.00-139.00, 2ND CUTTING 137.00-140.00.

TIMOTHY: 155.00-170.00.

ALFALFA: 1ST CUTTING 109.00-121.00; 2ND CUTTING 118.00-132.00; 3RD CUTTING 116.00-156.00.

CLOVER: 115.00-126.00.
GRASS: 131.00-150.00.
WHEAT STRAW: 81.00-101.00.
BARLEY STRAW: 92.00.
OAT STRAW: 75.00.
RYE STRAW: 83.00.
EAR CORN: 82.00.
TIME 11 A.M.

Leinbach's Hay

Shippensburg, PA
Dec. 5 and 8
Report Supplied by Auction

ALFALFA: GOOD 115.00-150.00, MEDIUM QUALITY 80.00-160.00.
MIXED HAY: 65.00-140.00.
CLOVER: 80.00.
TIMOTHY: 65.00-97.00.
BROME GRASS: 72.00-97.00.
ORCHARD GRASS: 62.00-80.00.
STRAW: 50.00-75.00, 1 LOAD AT 29.00.
EAR CORN: 43.00-80.00.
OATS: 1.75 BU.
WOOD: 25.00-42.50 PICK-UP LOAD.
TOTAL LOADS: 59.00.

Westminster Hay

Westminster, Md.
Tuesday, Dec. 8, 1992
Report Supplied by Auction

TOTAL LOADS: 105.
ALFALFA: 80.00-120.00, 21.00 LARGE ROUND.
TIMOTHY: 62.50, 1.30-3.00 BALE, 13.00-31.00 LARGE ROUND.
MIXED HAY: 1.15-2.30 BALE.
GRASS: 72.50, 1.15-2.30 BALE.
CLOVER: 1.60 BALE.
OATS HAY: 55.00.
STRAW: 54.00-59.00, 1.00-1.70 BALE.
OATS: 3.20 BU.
WOOD: 47.50-85.00 CORD.
NEXT STATE GRADED FEEDER PIG SALE FRI., DEC. 18, 1:30 P.M.

Green Dragon Hay

Ephrata, Pa.
Friday, Dec. 4, 1992
Report Supplied by Auction

TOTAL LOADS: 86.
MIXED HAY: 55.00-170.00.
ALFALFA: 46.00-145.00.
TIMOTHY: 112.00-147.00.
GRASS: 100.00-135.00.
STRAW: 73.00-117.00.
EAR CORN: 52.00-78.00.
FIREWOOD: 55.00-62.00 LOAD.

Regional Hay

December 7, 1992
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW STEADY.

ALFALFA 90.00-120.00; MIXED HAY 70.00-120.00; TIMOTHY HAY 70.00-110.00, FEW REPORTED 135.00; STRAW 40.00-85.00; MULCH 20 00-40 00

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/04/92. PRICES PER TON: LOADS: 171 HAY, 56 STRAW, & 25 EAR CORN.

ALFALFA 94.00-170.00; MIXED HAY 85.00-170.00; TIMOTHY HAY 95 00-160.00; STRAW 71.00-117.00; EAR CORN 57.00-72.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 12/04/92. PRICES PER TON: LOADS: 99 HAY, 10 STRAW & 7 EAR CORN.

ALFALFA 80 00-131.00; MIXED HAY 66.00-125.00; TIMOTHY HAY 86 00-124.00; STRAW 45.00-95.00; EAR CORN 42 00-80.00.

Keister's Hay

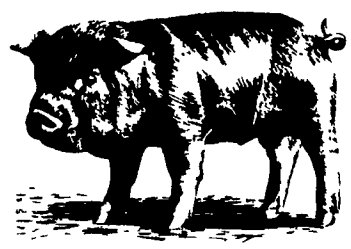
Middleburg, PA
Dec. 8, 1992
Report supplied by auction

27 LOADS OF HAY.
MIXED HAY: 60.00-125.00.
ALFALFA: 95.00-132.50.
TIMOTHY: 125.00-130.00.
STRAW: 7 LOADS, 55.00-85.00.
EAR CORN: 9 LOADS, OLD 75.00-85.00, NEW 50.00-60.00.
OATS: 2 LOADS, 1.80 AND 2.20 BU.
WOOD: 7 LOADS, 25.00-47.50.

Greencastle Livestock Market

Hay & Straw
Dec. 3 and 7, 1992

35 LOADS.
ALFALFA: GOOD 85.00-109.00, FAIR 76.00-90.00.
ALFALFA MIXED: 89.00-106.00.
TIMOTHY HAY: 82.00-92.00.
MIXED HAY: 70.00-89.00.
BROME GRASS: 77.00-91.00.
WHEAT STRAW: 68.00-72.00



Diffenbach Auction Center

New Holland, Pa.
Monday, December 7, 1992
Report Supplied by Auction

TOTAL LOADS: 138.
ALFALFA: 67.00-195.00.
MIXED HAY: 86.00-197.00.
TIMOTHY: 85.00-165.00.
ORCHARD GRASS: 132.00-138.00
STRAW: 65.00-117.00.
EAR CORN: 50.00-79.00.
OATS: 2.35 BU.

This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10:00 a.m. Monday.

North Jersey Market

Hackettstown, N.J.
Tuesday, Dec. 8, 1992
Hay—Straw & Grain Report

ALFALFA: 1.90 BALE.
MIXED HAY: 1.60-2.30 BALE
TIMOTHY HAY. 1.90 BALE.
GRASS HAY: 1.90-2 30 BALE
WHEAT STRAW: 1.20 BALE.
SHELLED CORN: 3.50 BAG
OATS: 6.00-6.25 BAG
TOTAL 22 LOTS

Good's Hay

Leola, Pa.
Wed., Dec. 9, 1992
Report Supplied by Auction

TOTAL LOADS: 85.
MIXED HAY: 88.00-152.00.
ALFALFA: 78.00-119.00.
STRAW: 64.00-100.00.
TIMOTHY: 100.00-160.00.
CORN: 55.00-85.00.
GRASS: 101.00-115.00.
BEAN STUBBLES: 44.00.
FIREWOOD: 64.00 LOAD.

Dewart Hay

Dewart, PA.
Monday, Dec. 7, 1992
Report Supplied by Auction

19 LOADS OF HAY, 35.00-132.00.
STRAW: 5 LOADS, 67.00-76.00.
WOOD: 10 LOADS, 29.00-80.00.
CORN: 3 LOADS, 71.00-85.00.

Vintage Hay

Paradise, PA
Thurs., Dec. 10, 1992
Report Supplied by Auction

4 LOADS.
MIXED HAY: 57.50-128.00.
WHEAT STRAW: 80.00-83.00.

Belleville Hay

Wednesday, Dec. 9
Belleville, PA
Report Supplied by Auction

32 LOADS OF HAY.
ALFALFA: 85.00-145.00.
MIXED HAY: 60.00-130.00.
STRAW: 7 LOADS, 75.00-90.00.
OATS: 1.70 BU

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New Year's Day Jan. 1 & Sat. Jan. 2

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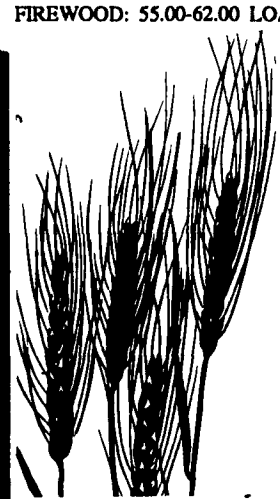

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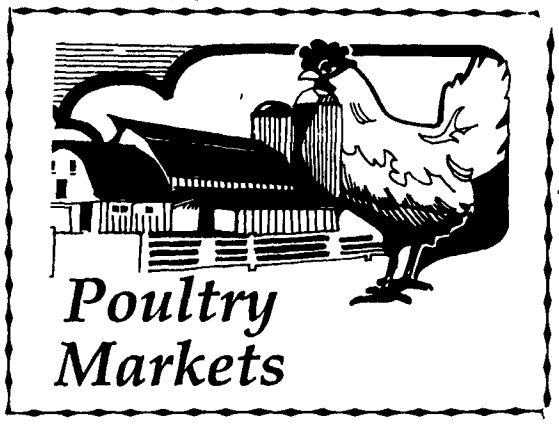

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, Dec. 8, 1992
Report Supplied by Auction

HEAVY FOWL .20-805.
MIXED FOWL .80-.95.
ROASTERS .60.
FRYERS .40.
PULLETS .85-.90.
BANTAMS .20-1.20.
BUNNIES EACH 1.50-1 75.
ROOSTERS .30-1.30.
GEESE .20-.40.
TURKEYS .25-.30.
DUCKS .25-.50.
RABBITS .40-.80.
PIGEONS, BY LB. 1.50-1.80
GUINEAS 1 70-1 80

WHITE EGGS: EXTRA LARGE & JUMBO .51-.80; LARGE .49- 70; MEDIUM .39-.63; SMALL .29.

BROWN EGGS: EXTRA LARGE & JUMBO .76-.87, LARGE 70- 76, MEDIUMS 53- 60

New England Shell Eggs

Edison, NJ
Wednesday, December 9, 1992

NEW ENGLAND: Prices to retailers were unchanged to lower on the large sizes, unchanged on the balance. Trade sentiment was steady to weak. Demand remained mostly moderate. Supplies were adequate, and available.

PRICES PAID TO PRODUCERS, CASES EXCHANGED, GRADE YIELD BASIS, BROWN EGGS LOOSE, AT FARM, CENTS PER DOZEN.

RANGE JUMBO 80-83 EXTRA LARGE 79-82 LARGE 74-77 MEDIUM 52-55 SMALL 34-37

BOSTON: PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, BROWN EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN.

RANGE EXTRA LARGE 98-102 LARGE 93-96 MEDIUM 71-73

N.E. Weekly Shell Egg Report

Tuesday, Dec. 8
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
MAINE	1.14	1.08	85	.67
N. HAMP.	1.05-1.09	1.00-1.04	.78-.82	.60-.64
MOSTLY	1.07-1.08	1.02-1.03	.80-.81	.62-.63
RHODE ISLAND	1.10-1.14	1 04-1.08	81- 85	63- 67
MOSTLY	1.10	1.04	.81	.63
VERMONT	1.15-1.17	1.10-1 11	88-.89	

NY Phila Frozen Eggs

EDISON, NJ.
DECEMBER 08, 1992

The market tone was barely steady to weak. Trading was light and usually centered on fill-in needs. Advance inquiry was fair but processors were cautious as buyers continued to bid lower. Raw materials were readily available but costs were still higher than most wanted to pay. Floor stocks were sufficient for current trade requirements.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS)

TRUCKLOTS LTL (MIN. 25 CONT) RANGE MOSTLY RANGE

WHOLE 47-49 47-48 51-58 BLEND (/) - - 57-67 WHITES 39-42 40-41 43-48 SUGARED YOLKS (MIN 43% SOLIDS) 49-51 50-51 52-59 SALTED YOLKS (MIN 43% SOLIDS) 46-48 46-47 49-56

(/) - WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Delmarva Broiler

Edison, NJ
Wednesday, December 9, 1992

Movement of ready-to-cook whole birds was sluggish. Seller. offerings remained in limited supply on under 3 pound sizes, but were readily available and slow to clear on heavier weights. Live supplies were moderate to heavy. Weights were desirable to heavy and declining at some plants. Slaughter schedules increased and were heavy. Some plants planned to reduce schedules further this week and some next week. Less than trucklot asking prices were unchanged to 1 cent lower at 48 to 58 cents. Trade sentiment was weak. Wings were in best balance. Other items were irregularly distributed, but more than sufficient for immediate trade needs.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT
12/09 12/07 12/07 12/02 11/30
2,141 2,251 4.74 2,243 4.75

*BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA

BRANDED U.S. GRADE A RANGE 43-60 WEIGHTED AVERAGE 49.44 NO. OF BOXES 9,974

*7 of 9 plants reporting

Northeast Chicken Parts

Edison, NJ
Wednesday, December 9, 1992

Trucklot buying interest continued quite irregular. Supplies of boneless skinless breasts for retail needs were about adequate for the light demand; however, some buyer inquiries for late week and for next week deliveries went unfilled Prices were reported in a wide range but the undertone was steadier than early week Line run breasts were less freely offered than prior day but asking prices and trading levels trended lower. Dark meat items were about adequate for current demand and trading was reported at steady prices

Wings were in close balance with buyer needs, trading was at unchanged prices and the undertone was firm.

PRICES PAID PER POUND, ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES

ITEM CURRENT NEGOTIATED TRADING

BREAST - BONELESS SKINLESS 190 BREAST - WITH RIBS 84-85 BREAST - LINE RUN 84 LEGS 33-34 LEG QUARTERS 24 THIGHS 30-31 DRUMSTICKS 26-27 WINGS 45-46 BACKS AND NECKS (STRIPPED) 10-12 LIVERS 35-40 GIZZARDS (HEARTS) 45

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

Heinsey's Poultry

Edison, NJ
Thursday, December 10, 1992

PRICES PAID DOCK WEIGHTS, CENTS PER POUND, EXCEPT WHERE NOTED

RANGE Muscovy Ducks - Drakes .88 - 1.10 Muscovy Ducks - Hens .70 - .92 Pekin Ducks .44 - .58 Red Fowl 4-4.5 .30 - 48 Red Fowl 5-6 .50 - .74 Crossbred Fowl 5-9 .30 - .62 Crossbred Roosters 4-6 .40 - .78 Crossbred Roosters 7-11 .40 - .74 Guinea Fowl 1.50 - 1.85 Banty Roosters 1.50 - 4.50 ea. Banty Hens 1.00 - 2.50 ea. Leghorn Hens .14 - .22 Leghorn Roosters .22 - .38 Silkies .75 - 3.50 ea. Pigeons 1.10 - 1.65 ea. White Pigeons 2.00 - 2.85 ea. Rabbits 4-6 .80 - 1.30 Rabbits 7-11 .40 - .78 Bunnies .50 - 2.00 ea. Guinea Pigs .50 - 1.50 ea. Doves 1.50 - 2.50 ea. Chukars 2.50 - 2.85 ea. Pullets 4-6 .34 - .48
Total Coops Sold 924

New York Egg Market

Edison, NJ
Wednesday, December 9, 1992

Prices were unchanged. Trade sentiment was cautiously steady. Demand remained spotty and mixed across the full range, mostly moderate. Supplies were at least adequate with mediums in the best balance

"j PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN.

RANGE EXTRA LARGE 76-78 LARGE 73-76 MEDIUM 66-69

Philadelphia Eggs

Thursday, Dec. 10, 1992
Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS STEADY ON MEDIUMS, BARELY STEADY TO WEAK ON LARGE. SUPPLIES OF LARGE WERE AT LEAST ADEQUATE AND AVAILABLE, WHILE MEDIUMS WERE ADEQUATE. A EXTRA LARGE .72-.78, A LARGE .70-.76, A MEDIUM .65-.66.

Weekly New York Egg Market Northeast Quotes

From Fri., Dec. 4 to Thurs., Dec. 10

	FRI	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.82	.82	.80	.80	.79
EX. LARGE	.81	.81	.79	.79	.77
LARGE	.79	.79	.78	.78	.76
MEDIUM	.71	.71	71	71	71
PULLETS	.65	.65	.65	.65	.65
OFF GRADE	.67	.67	66	.66	.64
BROWN					
EXTRA LARGE	.92	.92	.92	.92	.92
LARGE	.88	.88	.88	.88	.88
MEDIUM	.69	.69	.69	.69	.69
OFF GRADE					
UNDERGRADES AND CHECKS	.27	.29	.29	.29	.27

BREAKING STOCKS: FRI. 48-50 LBS. 40.00-42.00, 50 LBS. AND UP 42.00-44.00; THURS. 50 LBS. AND UP 42.00-43.00.

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WALTER H. RISSER, Proprietor

Pa. Grain

December 7, 1992
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: CORN UNEVEN, MOSTLY STEADY TO .05 HIGHER; WHEAT STEADY TO .10 LOWER, BARLEY AND OATS STEADY; EAR CORN MOSTLY STEADY; SOYBEANS UNEVENLY STEADY.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2 05-5.35, AVERAGE 2.21; @WHEAT NO. 2 RANGE 3.30-3.70, AVERAGE 3.56, FEW REPORTED CONTRACT FOR HARVEST 3.02-3.24; BARLEY NO. 3 RANGE 1.70-1.92, AVERAGE 1.84, FEW REPORTED CONTRACT FOR HARVEST 1.65; OATS NO. 2 RANGE 1.40-1.70, AVERAGE 1.57; SOYBEANS NO. 1 RANGE 5.10-5.50, AVERAGE 5.39; FEW REPORTED GR. SORGHUM #2 RANGE 1.95, AVERAGE 1.95; FEW REPORTED NEW EAR CORN RANGE 47 00-60.00, AVERAGE 52.75.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.00-2.20, AVERAGE 2.11; @WHEAT NO. 2 RANGE 3.00-3.60, FEW REPORTED 2.70, AVERAGE 3.20; BARLEY NO. 3 RANGE 1.60-1.70, AVERAGE 1.62; OATS NO. 2 RANGE 1.25-1.40, AVERAGE 1.32; FEW REPORTED SOYBEANS NO. 1 RANGE 5.25-5.45, AVERAGE 5.35; FEW REPORTED NEW EAR CORN RANGE 45.00-60.00, AVERAGE 51.43.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.05-2.35, AVERAGE 2.21; @WHEAT NO. 2 RANGE 3.00-3.70, AVERAGE 3.40; BARLEY NO. 3 RANGE 1.60-1.92, AVERAGE 1.73; OATS NO. 2 RANGE 1.25-1.70, AVERAGE 1,47; SOYBEANS NO. 1 RANGE 5.10-5.50, AVERAGE 5.33; FEW REPORTED NEW EAR CORN RANGE 47.00-60.00; AVERAGE 52.04.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.15-2.40, AVERAGE 2.27; @WHEAT NO. 2 RANGE 3.00-3.70, AVERAGE 3.32; BARLEY NO. 3 RANGE 1.50-1.85, AVERAGE 1.68; OATS NO. 2 RANGE 1.40-1 60, AVERAGE 1.45; SOYBEANS NO. 1 RANGE 5.00-5.40, AVERAGE 5.23; FEW REPORTED NEW EAR CORN RANGE 48.00-55.00; AVERAGE 51.20.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 1 90-2 60, AVERAGE 2.38; @WHEAT NO 2 RANGE 2.90-3.45, AVERAGE 3.15, BARLEY NO. 3 RANGE 1.55-1 69, AVERAGE 1 62; OATS NO. 2 RANGE 1.25-1.60, FEW REPORTED 1.90, AVERAGE 1.51; FEW REPORTED SOYBEANS NO 1 RANGE 4.97-5.35, AVERAGE 5.16; FEW REPORTED +BUCKWHEAT RANGE 8.00, AVERAGE 8.00.

MONTH AGO

CORN NO. 2 Y AVERAGE 2.23; @WHEAT NO. #2 3.26; BARLEY NO. 3 1.73; OATS NO. 2 1.45; SOYBEANS NO. 1 5.20; NEW EAR CORN 49.19.

YEAR AGO

CORN NO. 2 Y AVERAGE 2.81; @WHEAT NO. #2 3.59; BARLEY NO. 3 1.99; OATS NO. 2 1.60; SOYBEANS NO. 1 5.41; NEW EAR CORN 76.58.

Greencastle Livestock

Greencastle, Pa.
Monday, Dec. 7, 1992

SLAUGHTER CATTLE RECEIPTS: 467. SLAUGHTER STEERS: 120 HD. TREND: 1.00-1.50 HIGHER.

HIGH CHOICE AND PRIME 2-4 77.00-81.25; CHOICE 2-3 950-1075 LBS. 72.00-75.00; CHOICE 2-3 1075-1375 LBS. 74.00-77.00; CHOICE 2-3 OVER 1375 LBS. 70.00-75.00; CHOICE 4 ALL WEIGHTS 65.00-70.00; SELECT & CHOICE 1-2 950-1100 LBS. 64.00-70.75, SELECT & CHOICE 1-2 1100-1375 LBS. 65.00-71.00; SELECT & CHOICE 1-2 OVER 1375 LBS. 62.00-68.50.

HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 60.50-67.75; SELECT 1-2 1050-1450 LBS. 54.50-59.50.

SLAUGHTER HEIFERS: 69 HD. TREND: 1.00 HIGHER. CHOICE 2-3 850-1000 LBS. 69.00-76.00; CHOICE 2-3 1000-1250 LBS. 72.00-79.00; CHOICE 4 ALL WEIGHTS 64.00-71.00; SELECT & CHOICE 1-2 850-1000 LBS. 63.00-70.00; SELECT & CHOICE 1-2 1000-1250 LBS. 65.00-74.00.

HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 59.00-65.00; SELECT & CHOICE 1-2 1000-1350 LBS. 55.00-59.00.

SLAUGHTER BULLS: 22 HD. TREND: STEADY. YIELD GRADE 1 ALL WEIGHTS 59.00-67.50; YIELD GRADE 2 ALL WEIGHTS 54.00-60.00.

BULLOCKS: 10 HEAD. CHOICE 1-3 950-1150 LBS., NONE; SELECT 1-3 1150-1375 LBS. 65.00-67.75; SELECT 1-2 950-1250 LBS. 65.00-72.25.

COWS: 246 HD. TREND: STEADY BREAKING UTILITY & COMMERCIAL 45.00-49.50; CUTTER & BONING UTILITY 46.50-51.50; CANNER & LOW CUTTER 46.00 & DOWN.

STOCKER & FEEDER CATTLE RECEIPTS: 740 HD., GOOD DEMAND. BEEF TYPES: 200-400 LBS. STEERS 76.00-102.00, BULLS 74.00-101.00, HEIFERS 65.00-80.00; 400-600 LBS. STEERS 72.00-82.00, BULLS 64.00-71.00, HEIFERS 64.00-74.00; 600-800 LBS. STEERS 68.00-80.00, BULLS 59.00-65.00, HEIFERS 64.00-70.00; 800-975 LBS. STEERS 65 50-72.75, BULLS 51.00-59.00, HEIFERS 62.00-70.00.

HOLSTEINS AND DAIRY CROSS 200-400 LBS. STEERS 68.00-81 00, BULLS 65.00-75.00, HEIFERS, 70 00-106.00; 400-600 LBS. STEERS 64.00-70.00, BULLS 59.00-64.00, HEIFERS, 65.00-80.00; 600-800 LBS. STEERS 57.00-63.00, BULLS 55.00-60.00, HEIFERS, NONE; 800-975 LB. STEERS 52.00-58.75, BULLS 45.00-54.00, HEIFERS, NONE.

CALVES: 507 HD. VEAL CALVES TREND: STEADY. CHOICE 150-300 LBS. 85.00-103 00; GOOD 150-300 LBS 70.00-90.00; GOOD 100-150 LBS 55.00-75.00; GOOD 80-100 LBS 40.00-60.00; STANDARD 80-100 LBS 35.00-45.00; STANDARD 80 LBS & DOWN 35.00 AND DOWN

CALVES RETURNING TO THE FARM: TREND: STEADY. HOLSTEIN BULLS OVER 100 LBS. UP TO 160.00, UNDER 100 LBS. UP TO 157.00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 170.00; UNDER 100 LBS. UP TO 155.00, BEEF TYPE BULLS OVER 90 LBS UP TO 150.00; BEEF TYPE BULLS UNDER 90 LBS. UP TO 130.00.

SHEEP & LAMBS: 37 HD. LAMBS TREND: STEADY TO 10.00 HIGHER CHOICE 80-100 LBS 60.00-70 00, 100-120 LBS. 55.00-60.00; 120 AND OVER, NONE; MEDIUM & GOOD ALL WEIGHTS 65.00-75.00; LIGHT LAMBS 80.00-87 00.

SHEEP: EWES LEAN 20.00-26.00, EWES FAT 18.00-24.00, YEARLINGS, NONE; BUCKS, NONE.

GOATS: 88 HD. SMALL 20.00-34 00, MEDIUM 35.00-62.00, LARGE 60.00-95.00.

HOGS, SOWS & BOARS: 169 HD TREND: 1.00 HIGHER HOGS, BAR ROWS & GILTS: 210-250 LBS 39.50-41.50; 250-260 LBS. 38.00-40 00, 260-270 LBS 38.00-39.00, 270-300 LBS 35.00-37.50

LIGHT HOGS: 140-180 LBS 30.00-33 50; 180-210 LBS 34 00-36 50

SOWS. TREND 1.00 LOWER GOOD SOWS UNDER 400 LBS 28 00-33 00, GOOD SOWS OVER 400 LBS 30.00-34 25; CULL SOWS ALL WEIGHTS 28.00 & DOWN

BOARS: TREND: STEADY. 180-210 LBS 30 00-33.00, 210-260 LBS 33 00-34.25; 260-300 LBS. 28.00-30 50; 300 LBS & OVER 26.00-30.00.

SALE EVERY MONDAY AT 2 00 P M & EVERY THURSDAY AT 1 00 P M

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11 30 A.M

SPECIAL FEEDER CATTLE SALE FRIDAY, JAN. 1, 1993, AT 7:15 P.M.

SPECIAL FEEDER PIG SALE SATURDAY, DEC 26, AT 1:00 P.M

Isennock Auction

New Park, PA
Dec. 8, 1992
Report supplied by auction

SLAUGHTER COWS. 50.00 & DOWN.

SLAUGHTER HEIFERS· 1000-1185 LBS. 69.00-71.00.

SLAUGHTER BULLS· 1000-1160 LBS THIN 49 00-57 00

FEEDER HEIFERS: 670-710 LBS 53.00-57.50.

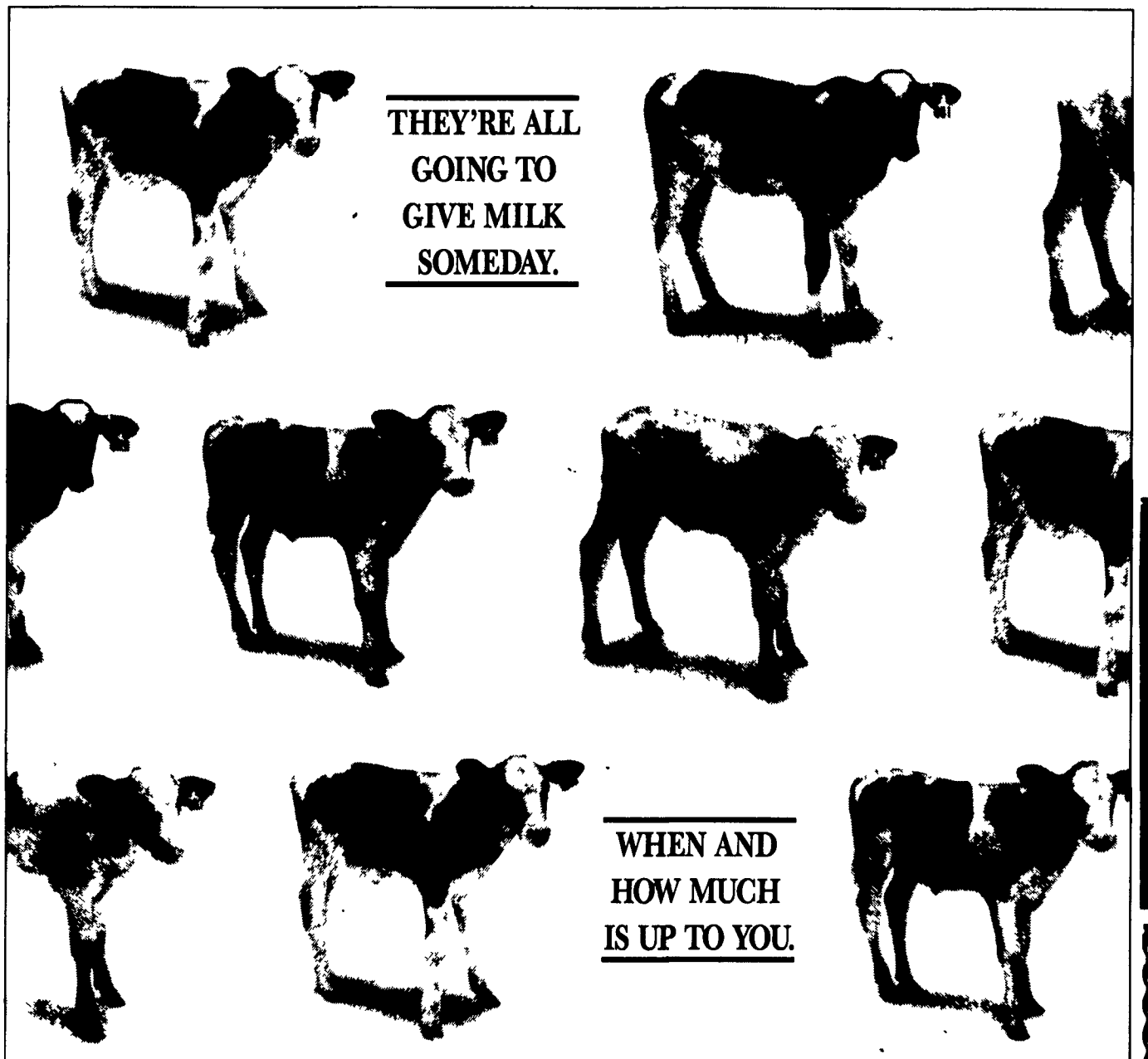
FARM CALVES: 115-125 LBS. 129.00-141.00; 100-110 LBS 102.00-141.00; 90-95 LBS. 107.00-135.00; WEAK AND ROUGH 65.00 AND DOWN.

HEIFER CALVES: 95-105 LBS. 140.00-152.00.

GOATS: MEDIUM 48.00-67.00 HEAD; SMALL 35.00-41.00 HEAD.

SHEEP: 120-180 LBS. 14.00-25.00

BOARS: 325 LBS. 27.00; SOWS 430-455 LBS. 29.75-30.50; HOGS 220 LBS. 34.00-34.50; FEEDER PIGS 15.00-27.00 HEAD.



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Until a heifer freshens and enters the milking string, she's pure expense And every day beyond the optimum 24 months costs you an extra $2 to $3 per day, per head in additional feed costs and lost milk production At 28 months, for example, that's $10,000 to $15,000 worth of lost income in a 120-cow herd A lot of money, even in good times

Yet on many Northeast dairy farms, first-calf heifers don't freshen until 28, 30 or even 32 months!

The Problem?

Inadequate nutrition and poor management practices that result in undernourished, undersized heifers, unable to achieve optimum growth and full potential

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Payback 24 is a comprehensive program consisting of eight high-quality Agway feeds, intensive nutrition and cost-effective management practices—all designed to help you raise bigger, healthier heifers faster For fewer dollars Ready to breed at 13 to 15 months Ready to start paying their own way at 24 months with greater lifetime potential and profitability

Three brand-new feeds were specially developed by Agway for use in this program a Calf Pre-Starter that delivers exceptional performance, unlike any other in the Northeast and a calf starter containing highly palatable Ruma Sweetto, preferred by calves more than 4 to 1 in a Land O' Lakes trial of 15 competitive calf starter feeds A selection of heifer feeds containing Bovatec® in several protein levels rounds out the Payback 24 feed program

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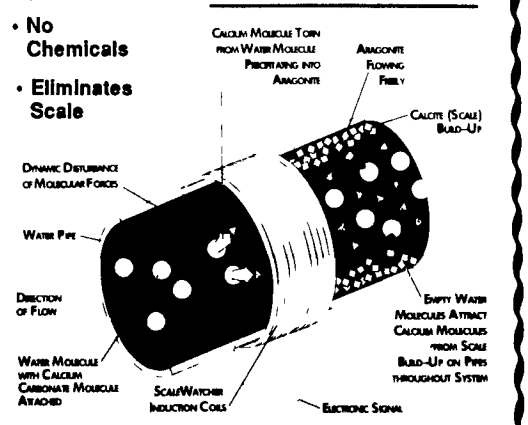
Calcium Molecule Torn from Water Molecule Precipitating into Aragonite
Aragonite Flowing Freely
Calcite (Scale) Build-Up
Dynamic Disturbance of Molecular Forces
Water Pipe
Direction of Flow
Water Molecule with Calcium Carbonate Molecule Attached
ScaleWatcher Induction Coils
Empty Water Molecules Attract Calcium Molecules from Scale Build-Up on Pipes throughout System
Electronic Signal

National Grain Market

St. Joseph, Mo
Wednesday, December 9, 1992

GRAIN AND SOYBEAN PRICES HIGHER, WEDNESDAY ON EXPORT DEMAND AND HARVEST PROGRESS WHEAT 1 TO 3 CENTS HIGHER. CORN UNCHANGED TO 4 CENTS HIGHER. SORGHUM UNCHANGED TO 1 CENT HIGHER SOYBEANS 3 TO 7 CENTS HIGHER. WHEAT PRICES WERE SUPPORTED BY IMPROVED EXPORT DEMAND. CORN PRICES SHOWED SLIGHT ADVANCE ON WHEAT AND BEAN STRENGTH. CONTINUED SLOW HARVEST PROGRESS AND SHORTAGE OF RAIL CARS, FACTORS IN HIGHER PRICES. SOYBEAN PRICES SHARPLY HIGHER FOLLOWING MEAL AND BEAN OIL ADVANCES. REPORTS CHINA'S 92/93 CROP IS SMALLEST IN 10 YEARS ADDED SUPPORT TO PRICES

EXPORT NEWS: LEBANON BOUGHT 24,800 TONNES U.S. HARD RED WINTER WHEAT; UNDER EEP, FOR JAN/FEB SHEPMENT. U.S. EXPORTERS ARE SWITCHING 80,000 TONNES U.S. SOFT RED WINTER WHEAT BOUGHT TO SPRING WHEAT FOR FEBRUARY SHIPMENT

DATE CHANGE YEAR AGO TRUCK BIDS 12/09/92 12/08/92 12/11/91 WHEAT: KANSAS CITY 3.72-3.74 UP 1 3.96-3.98 MINNEAPOLIS TRUCK BID 3.86 3/4 UP 1/4 3.99 3/4-4.07 3/4 PORTLAND 4.22-4.25 UP 1 4.50-4.53 ST LOUIS 3.70-3.73 UP 3 3.61-3.68

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.12-2.16 UP 1-4 2.47-2.49 MINNEAPOLIS 2.03 UP 1/4 2.23 SO IOWA 2.10-2.13 NC-UP 1/2 2.38-2.43 OMAHA 1.96-1.99 NC 2.28-2.31

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.68-5.69 UP 7 5.56-5.59 MINNEAPOLIS 5.46 1/4 UP 6 1/4 5.30 1/4 SO IOWA 5.60-5.61 1/2 UP 6-4 1/2 5.42-5.49 C. ILL. PROCESSORS 5.64 1/4-5.77 1/4 UP 3 1/4-7 1/4 5.54 1/2-5.62 1/2

*TRUCK BIDS FOR KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 3.50 1/4 UP 1 1/2 3.83 3/4 MINNEAPOLIS (MAR) WHEAT 3.36 3/4 UP 1/4 3.69 3/4 CHICAGO (MAR) WHEAT 3.59 1/4 UP 1 3/4 3.83 1/4 (MAR) CORN 2.19 UP 1/4 2.47 (JAN) SOYBEANS 5.67 1/4 UP 7 1/4 5.48 1/4

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.01 1/4-4.02 1/4 UP 1 1/2 4.30-4.31 NO. 2 SOFT RED WINTER WHEAT 3.97-3.99 1/4 UP 1 1/2-DN 1/4 4.26-4.27 NO. 2 YELLOW CORN 2.40-2.40 1/2 NC-DN 1/2 2.69-2.70 NO. 2 YELLOW SORGHUM RAIL 4.34 UP 1 BARGE 4.38 UP 1 4.84-4.83 NO. 2 YELLOW SOYBEANS 5.95-5.96 UP 6 1/2-6 5.80

Eastern PA & NJ Poultry

Atlanta, Ga.
Tuesday, December 8, 1992

Prices were unchanged on light type fowl but sales were too few to report on heavies. Offerings of lights were fully adequate an were usually sufficient for trade requirements. Availability of broiler breeders increased slightly but were still short of a good inquiry Undertone unsettled

CENTS PER LB., GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK.

HEAVY TYPE (7 POUNDS AND UP)
* AT FARM BUYER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT

LIGHT TYPE AT FARM BUYER LOADING 10-11 CENTS/LB. MOSTLY 10 FOB PLANT 18 CENTS/LB.

* WEIGHTS UNDER 7 LBS SUBJECT TO DISCOUNT

National Egg Market

Wednesday, December 9, 1992

NATIONAL EGG MARKET - AT A GLANCE: Prices were unchanged to lower on the large sizes in the Midwest and New England, unchanged on the balance The market tone was cautiously steady to weak, with some leveling where demand was best. Retail movement was mixed, and mostly moderate, occasionally better where featured. Supplies were at least adequate for the large sizes, and adequate for mediums. Breaking stock prices were steady, and plants received adequate supplies from regular sources. Offering of light type hens increased, and the undertone was barely steady to steady; supplies were light to instances fully adequate for the light to fairly good demand.

Westminster Livestock

Hagerstown, Md.
Dec. 8, 1992
Report supplied by auction

SLAUGHTER COWS: 75 HEAD, 1.00 LOWER. UTILITY 45.00-49.00; HIGH DRESSING TO 51.50; CANNERS 41.00-45.00; SHELLY 41.00 DOWN.

BULLS: 1.00 LOWER. YG#2 52.00-55.00; LOW DRESSING 48.00-50.00.

FED STEERS: GOOD RUN. CHOICE 1100-1375 LBS. 72.75-74.75; SELECT TO LOW CHOICE 65.00-71.00; LOW CHOICE HOLSTEINS 1100-1500 LBS. 63.00-68.00; SELECT 57.00-63.00.

FED HEIFERS: CHOICE 1000-1100 LBS. 71.00-72.25; SELECT TO LOW CHOICE 65.00-70.00; SELECT HOLSTEINS TO 54.50.

VEAL CALVES: LOW CHOICE 200-300 LBS. TO 88.00; CULLS 85-110 LBS. 46.00-53.00; 50-80 LBS. 43.00-48.00; WEAK/ROUGH 40.00 DOWN.

FARM CALVES: HOLSTEIN BULLS 8.00-10.00 LOWER. #1 90-120 LBS 125.00-144.00; #2 80-100 LBS 75.00-110.00; HOLSTEIN HEIFERS 95-120 LBS. 135.00-167.00; BEEF X BULLS TO 140.00; HEIFERS TO 110.00.

BUTCHER HOGS: 40 HEAD, 1.00 HIGHER. US#1&2 220-260 LBS. 40.25-41.25; US#1&3 215-260 LBS. 38.50-40.00; 270-300 LBS. 36.00-38.00; 300-400 LBS. 30.00-34.50.

SOWS. 69 HEAD, 1.50 HIGHER. 300-500 LBS. 30.00-34.00; 500-700 LBS. 32.00-34.50.

BOARS: 11 HEAD. 350-600 LBS. 28.00-30.25.

STOCK CATTLE: 138 HEAD. STEERS · 300-500 LBS. 75.00-86.00; 500-700 LBS. 72.00-86.00; 700-1050 LBS. 58.00-66.00; HOLSTEINS 250-400 LBS. TO 75.00.

HEIFERS: 300-500 LBS. 65.00-75.00; 500-700 LBS. 59.00-70.00; 700-900 LBS. 53.00-63.00.

BULLS: 300-500 LBS. 69.00-80.00; 500-700 LBS. 66.00-75.00; 700-900 LBS. 51.00-59.00, 1 AT 68.00.

LAMBS: 90 HEAD, 5.00-8.00 HIGHER. CHOICE 100-120 LBS. 63.00-70.00; FEW 125-135 LBS. 57.00-58.00; 80-95 LBS. 65.00-81.00; 60-80 LBS. 72.00-85.00; 40-60 LBS. 79.00-96.00; THIN TO 67.00.

SHEEP: 100-200 LBS. 28.00-39.00; 200-300 LBS. 20.00-30.00.

GOATS: GOOD DEMAND. LARGE 65.00-90.00P; MEDIUM 40.00-60.00; SMALL 25.00-40.00.

PIGS AND SHOATS: 180 HEAD. BY THE HEAD, 20-30 LBS. 10.00-18.00; 30-40 LBS. 16.00-24.00; 40-60 LBS. 20.00-30.00; 65-90 LBS. 28.00-35.00; BY THE POUND, 100-140 LBS. 27.00-39.00; 150-190 LBS. 25.00-35.00.

STOCK BOARS: 230-275 LBS 32.00-33.25.

NEXT TUES., DEC. 15, SIRE POWER WILL BE BUYING STRONG, OPEN COWS HERE FOR A BREEDING SCHOOL

Belleville Livestock Auction

Belleville, Pa
Wednesday, December 9, 1992

CATTLE 110...Supplied by the auction.. STEERS: Choice 70.00-70.75, Good 64 00-69.50. HEIFERS: Good 58.00-63.00, Standard 54.35-57.50. COWS: Breaking Utility and Commercial 45.75-51.10, Cutter and Boning Utility 43.50-46.85, Canner and low Cutter 41.25-44.00. Shells down to 34.75. BULLS: Yield Grade No. 2 51.10-53.25, one at 56.50. FEEDER CATTLE: steers 45.00-68.00, heifers 50.00-68.00, bulls 45.00-65.00, one at 85.00.

CALVES 113... VEALERS: Utility 55.00-65.00. FARM CALVES: No. 1 Holstein Bulls 110.00-169.00.

HOGS 163... BARROWS AND GILTS: US No.1-2 42.00-43.50, 1-3 40.50-41.95. SOWS: US 1-3 31.00-33.00, 2-3 29.00-31.00. BOARS: 28.00-28.50.

FEEDER PIGS 157...US 1-3 20/30 lbs. 15.00-25.00, 30/40 lbs. 25.00-35.00, 40/50 lbs. 35.00-47.00.--- all per head.

SHEEP 40..High Choice and Prime 72.00-76.00, Choice 65.00-71.50, Good 60.00-65.00, Utility 50.00-60.00.

GOATS 133...Large 40.00-82.00.

Dewart Livestock Auction

Dewart, Pa
Monday, December 7, 1992

CATTLE 112.....PDA... HOLSTEINS: Select 60.00-65.00, few Standard 55.00-60.00. HEIFERS: few Select 62.00-64.50. COWS: Breaking Utility and Commercial 44.00-47.50, Cutter and Boning Utility 46.00-48.00, Canner and Low Cutter 38.00-45.50, Shells down to 35.00. FEEDER CATTLE: few Large Frame No. 2 285/385 steers 70.00-78.00.

CALVES 157...VEALERS: Utility and Low Standard 60/85 lbs. 25.00-50.00. FARM CALVES: No. 1, 90/130 lbs. Holstein bulls 120.00-155.00, No. 2, 80/120 lbs. 70.00-110.00; No. 1, 85/145 lbs. Holstein heifers 117.00-170.00. Few Beef cross 70/110 bulls and heifers 100.00-130.00.

HOGS 83...BARROWS & GILTS: US 1-2 215/260 lbs. 40.00-41.70. SOWS: US 1-3 350/600 lbs. 30.00-32.25, couple 34.00. BOARS: few 27.75-29.00.

FEEDER PIGS 65....US 1-3 25/45 lbs. 16.00-26.00. --- all per head.

SHEEP 2...No market test.

GOATS 15...Large 42.00-75.00, Medium 25.00-40.00.

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HAY & GRAIN SALE EVERY MONDAY - 10:00 A.M.

MON.	JAN. 4	WHOLESALE FURNITURE	6:30 P.M.
WED.	JAN. 6	WINROSS TRUCK & FARM TOYS	6:30 P.M.
FRI.	JAN. 15	FARM EQUIPMENT & SUPPLIES	9:00 A.M.
TUES.	JAN. 26	QUILT, CRAFT & BUGGIES	9:00 A.M.
WED.	JAN. 27	QUILT & CRAFT	9:00 A.M.

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THE ACTION AUCTION

HOLIDAY SCHEDULE FOR BEEF SALES

All Mon. and Wed. Sales As Usual
No Sale Thursday, Dec. 24, Christmas Eve
No Sale Thursday, Dec. 31, New Year's Eve

2 SPECIAL SALES

SAT., DEC. 26 > 10:00 AM Bulls, Steers & Beef Cows; 11:00 AM Goats, Sheep, Calves

SAT., JAN. 2 > 10:00 AM Bulls, Steers & Beef Cows; 11:00 AM Goats - Sheep - Calves

These Special Sales Will Better Accommodate Our Buyer's Holiday Slaughter Schedule.

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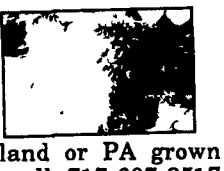
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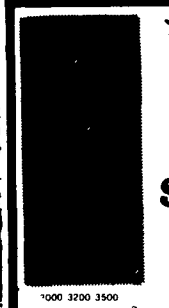
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Leesport Livestock Auction

Leesport, Pa
Wednesday, December 9, 1992

CATTLE 241..(Supplied by the auction).. Supply included 82 sl. steers and sl. heifers and 40 feeder cattle ..Compared with last Wednesday's market. STEERS: Choice 72.00-75.75, Select and Low Choice 68.00-74.50. HOLSTEINS: Choice 65.00-69.50, Select and Choice 58.00-64.00, few Standard 52.00-57.00. HEIFERS: Choice 69.50-76.00, Select and Choice 66.00-72.00. COWS: Breaking Utility and Commercial 46.00-51.75, one 54.25, Cutter and Boning Utility 45.00-49.75, Canner & low Cutter 38.00-48.50. BULLS: Yield Grade No. 1, 1190/2000 lbs. 58.50-61.75, No. 2 55.00-58.00. FEEDER CATTLE: Large Frame No. 2 595/625 lbs. steers 61.50-63.50, Medium Frame No. 1 435/533 lbs. 65.00-70.50, Medium 1 and 2 565/865 lbs. heifers 44.00-62.50, Large No. 2 520/665 lbs. bulls 60.00-65.25.

CALVES 173... VEALERS: Standard and Good 75/115 lbs. 45.00-55.00, Utility 50/80 lbs. 30.00-45.00. RETURNED TO FARM: No. 1 Holstein Bulls 90/125 lbs. 125.00-160.00, No. 2 75/115 lbs. 95.00-130.00. No. 1 Holstein heifers 95/115 lbs. 97.00-187.50. Beef cross 75/120 lbs. bulls and heifers 75.00-145.00.

HOGS 278.... BARROWS AND GILTS: US No. 1-2 220/267 lbs 41.50-42.60, 1-3 210/257 lbs. 38.00-41.50. SOWS: US No. 1-3 300/450 lbs 32.00-34.50, 2-3 450/775 lbs. 29.00-35.00. BOARS: 30.00-34.50.

FEEDER PIGS 214...US No. 1-3 21/45 lbs. 91.00-135.00, few 55/65 lbs 72.50-35.00. --- per head

SHEEP 149...NEW CROP LAMBS Choice 30/70 lbs. 75.00-122.50. WOOLED SLAUGHTER LAMBS: Choice 75/140 lbs. 55.00-80.00 SLAUGHTER SHEEP: 24.00-38.00.

GOATS 28...Medium 31.00-52.00, one Large 87.50 --- all per head.

Lebanon Valley Livestock Auction

Fredersburg, Pa
Tuesday, December 8, 1992

NO SALE REPORTED DECEMBER 8, 1992, BUT HEADAGE IS A FOLLOWS: CATTLE 163, CALVES 158, HOGS 107, SHEEP 0, FEEDER PIGS 0, AND GOATS 0!

Keister's Middleburg Auction

Middleburg, Pa
Tuesday, December 8, 1992

CATTLE 413...PDA... STEERS: High Choice and Prime 76.75-79.25, Choice 74.00-77.25, Good 70.00-73.75, Standard 62,00-69.75. HOLSTEINS: Choice 66.75-70.25, Good 62.00-67.50, Standard 56.00-61.75. HEIFERS: Choice 73.75-77.75, Good 68.00-72.75. COWS: Breaking Utility and Commercial 44.50-49.50, few to 51.50, Cutter & Bon. Utility 44.00-49.75, Canner and Low Cutter 40.00-44.00. Shells down 35.00-40.00. BULLS: Yield Grade No. 1 1200/2065 lbs. 58.00-67.00, No. 2 800/1725 lbs. 42.00-57.75. FEEDER CATTLE: 480/945 lbs. steers 52.00-82.00, 350/895 lbs heifers 45.00-64.00, 350/750 lbs bulls 50.00-76.00.

CALVES 245...VEALERS: Choice 96.00-114.00, Standard and Good 60/90 lbs. 35.00-55.00, 90/110 lbs. 45.00-67.50. RETURNED TO FARM: Holstein bulls No. 1, 85/90 lbs. 110.00-140,00, No 2 95.120 lbs. 130.00-165.00. Holstein heifers No. 1 90/125 lbs. 115.00-160.00.

HOGS 428...(12/07/92)..BARROWS AND GILTS: No. 1 225/250 lbs. 43.00-44.74, US 1-2 220/260 lbs. 42.00-43.25, 2-3 200/270 lbs. 41.00-42.00, 2-4 190/280 lbs. 36.00-41.00. SOWS: US 1-3 280/650 lbs. 27.00-31.00, 2-3 22.00-27.00. BOARS: 24.00-29.50.

FEEDER PIGS 288...FEEDER PIGS: US 1-3 20/35 lbs. 24.00-31.00, 35/50 lbs 30.00-41.00. - all per head.

SHEEP 78...Choice 80/110 lbs 60.00-78.00, few 40 lbs. 131.00-139.00, Good 40/80 lbs. 57.00-82.50. SLAUGHTER EWES: 18.00-29.00.

GOATS 18...Small 40 00-93.00. --- all per head.

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, Dec. 8, 1992

SLAUGHTER STEERS: SELECT 900-1100 LBS. 69.00-72.50.

SLAUGHTER HEIFERS: SELECT 850-950 LBS. 67.00-69.00; HOLSTEINS X 56.50-63.00.

SLAUGHTER COWS: ACTIVE! STRONGEST DEMAND FOR EARLY-BIRD PENS. BREAKING UTILITY AND COMMERCIAL 49.00-51.50; CUTTER AND BONING UTILITY 46.50-51.00; CANNER AND LOW CUTTER 42.00-46.00; BIG MIDDLE 41.50-46.00; SHELLY 40.00 AND DOWN.

FEEDER STEERS: ALL WEIGHTS, MEDIUM AND LARGE #2 61.00-70.00.

FEEDER HEIFERS: MEDIUM #1 UNDER 250 LBS. 90.00-100.00; MEDIUM AND LARGE #2 ALL WEIGHTS 53.50-66.00.

FEEDER BULLS: ALL WEIGHTS, MEDIUM AND LARGE #2 70.00-75.00; HOLSTEINS 51.00-75.00.

VEAL CALVES: CHOICE 90.00-110.00, GOOD 75.00-90.00, STANDARD 50.00-70.00.

HOLSTEIN FARM BULLS: MOSTLY 150.00-166.00.

HOGS: BARROWS AND GILTS US#1&3 210-260 LBS. 40.50-42 85; OVER 270 LBS. 37.25-45.50, UNDER 200 LBS. 32.00-36.00; #2&4, ALL WEIGHTS 35.00-40.00.

SOWS: OVER 450 LBS. 32.50-34.75, UNDER 450 LBS. 32.50-33.75; #2&4 ALL WEIGHTS 29.00-31.50.

BOARS: 25.00-31.50.

FEEDER PIGS: BY THE HEAD, 20-25 LBS. 24.00-29.00; 35-45 LBS. 29.00-38.00.

SHEEP: 23.00-35.00.

LAMBS: CHOICE 40-60 LBS. 107.50-150.00; CHOICE 75-110 LBS. 70.00-97.50; GOOD 40-60 LBS. 71.00-88.00; GOOD 90-130 LBS 57.00-70.00.

GOATS: BY THE HEAD, SMALL/MED./KIDS 35.00-57.00.

SALE EVERY TUES. PRODUCE, RABBITS, POULTRY ANBD EGGS 4:30 P.M. AND LIVESTOCK 7 P.M.

Four States Livestock

Hagerstown, Md.
Dec. 9, 1992
Report supplied by Auction

SLAUGHTER COWS: 1.00 LOWER. HIGH DRESSING 49.50-52.00, 1 AT 54.50; CANNERS 41.00-45.00; SHELLY 40.00 DOWN.

BULLS: NONE OFFERED.

FED STEERS: NO HIGH CHOICE OR PRIME; AVG. CHOICE 1100-1400 LBS 74.00-77.00; SELECT 68.00-73.00; STANDARD TO SELECT 60.00-68.00.

FED HEIFERS: FEW OFFERED.

VEAL CALVES: LOW CHOICE 200-350 LBS. TO 85.00; CULLS 85-110 LBS. 48.00-56.00; 50-80 LBS. 42.00-49.00; WEAK/ROUGH 40.00 DOWN.

FARM CALVES: HOLSTEIN BULLS 10.00 HIGHER. #1 90-120 LBS. 135.00-160.00; #2 80-110 LBS. 80.00-120.00; HOLSTEIN HEIFERS FEW 95-120 LBS. TO 160.00.

BUTCHER HOGS: PRICES STEADY US#1&3 215-260 LBS. 40.00-41.00; 200-215 LBS. 38.00-40.00; 280-350 LBS. 33.00-41.00.

SOWS: 300-700 LBS. 30.00-34.00; THIN 25.00-30.00.

BOARS: NONE.

STOCK CATTLE: STEERS 300-500 LBS. 70.00-85.00; 500-700 LBS. 64.00-72.00; 700-900 LBS. 63.00-74.00; 900-1050 LBS. 65.00-75.00.

HEIFERS: 300-500 LBS. 62.00-74.00; 500-700 LBS. 57.00-64 00; 700-900 LBS. 55.00-67.00.

BULLS. 300-500 LBS. 65.00-77.00; 500-700 LBS. 61.00-70.00.

DAIRY REPLACEMENTS. LARGE SPRINGERS 950.00-1100.00; MEDIUM 800.00-950.00; SMALL 500.00-700.00; HEIFERS BY THE POUND, 400-700 LBS. 55.00-70.00; 700-900 LBS. 54.00-64.00.

SHEEP: 25.00-34.00.

LAMBS: 125 HEAD, STRONG DEMAND! HIGH CHOICE TO PRIME 100-125 LBS. 73.00-78.00; 80-99 LBS. 77.00-85.00; MEDIUM TO GOOD 60-80 LBS. 80.00-86.00.

PIGS AND SHOATS: PRICES HIGHER. BY THE HEAD, 30-40 LBS. 17.00-21.00; 40-50 LBS. 18.00-25 00, 50-65 LBS. 20.00-30.00; BY THE POUND, 100-125 LBS. TO 42.50; 150-190 LBS. 33.00-36.00; 190-210 LBS 37.00-39.00

NEXT WED., DEC. 16, SPECIAL DAIRY CONSIGNMENT SALE. PROMISED: 1 REG. JERSEY SPRINGER, 1 REG. BROWN SWISS BULL, EMORY SON OUT OF 86 PT. DAM WITH 25,600 LBS. MILK, 1137 LBS FAT, 894 LBS PROTEIN.

Front Royal, Va. Horse Sale

Report Supplied by Auction
Dec. 5, 1992

97 HEAD.

RIDING HORSES: AVERAGE TO GOOD QUALITY 950-1100 LBS. FEW 635.00-700.00; 800-900 LBS. 420.00-565.00; BETTER QUALITY 1000-1150 LBS. 900.00-1020.00

RIDING PONIES SMALL 200.00-345.00; LARGE 230.00-490.00.

LOOSE HORSES AVERAGE TO GOOD FLESH 925-1200 LBS 535.00-750.00, 1 AT 870.00; 800-980 LBS 335.00-525.00.

VINTAGE SALES STABLES, INC.
Paradise, PA 17562

* 3 POSSUM BELLY TRAILERS AVAILABLE TO HAUL FEEDER CATTLE *

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L. Robert Frame, Sr.
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(717) 768-8204 Office
(215) 458-5060 Home

HAY, STRAW & GRAIN SALE
Every Thursday at 1 p.m.
Auction will continue all year long
Vintage Sales Stables, Inc.
(Rt. 30, 10 miles east of Lancaster in Paradise, PA)

For Info.
717-442-4181 business
215-458-8518 home
L. Robert Frame, Sr. president
Glenn S. Frame Mgr.

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Hardy Brand Hybrid Seed Corn

NEW
HB6314 97 Days Excellent grain and high quality silage for a early corn
HB6450 103 Days When the goin' gets tough this one out-performs them all
HB6500 104 Days This is a 10 for silage or grain has excellent fall health
HB6407 114 Days Superior plant health, very high yields in grain
HB6270M 115 Days Fine seedling vigor, excellent yields, strong stalks
HB6345 116 Days Tons of quality silage and grain, good agronomics

Don't forget about these winners!

HB6923 109 Days A proven performer, you can count on
HB6334 117 Days Tremendous grain or silage and good disease tolerance
HB6992 118 Days An exceptional hybrid, outstanding quality

HARDY BRAND SEEDS
Beachley Hardy Seed Co.
P.O. Box 3184
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1-800-4HARDY-1
Working For You From the Ground Up

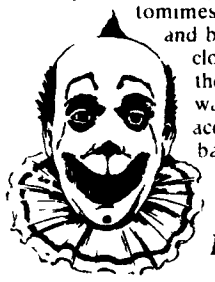
The OLD FARMER'S ALMANAC THIS WEEK WITH

DECEMBER 14-20, 1992

HALCYON DAYS NOW

PUT ON A HAPPY FACE

Joseph Grimaldi was born in London on December 18, 1778, but his influence spread far beyond that time and place. He is best remembered as the original Joey the Clown — the "greatest clown in history." Prior to Joey, the Harlequin was the type of "clown" seen in theater pantomimes. Grimaldi displaced the Harlequin and began the tradition of the white-faced clown. His innovative humor influenced the clown's role in theater and paved the way for the circus clown of today. An accomplished singer, dancer, and acrobat, Joey the Clown left the world a legacy of laughter.



A little nonsense now and then
Is relished by the best of men.

TIP OF THE WEEK

Lemons will yield almost twice as much juice if submerged in boiling water for a few minutes before squeezing.

EARTHWISE

When you're purchasing wrapping paper for your Christmas gifts look for the recycled mark. Gift wrap is now widely available in a variety of styles and colors on good-quality recycled paper. Try to avoid metallic wraps which usually cannot be recycled and are harder on the environment. After the holidays, send all that paper back to the recycling center for a new lease on life.

MULLED CIDER

- 1 quart cider
- ¼ cup orange juice
- 2 tablespoons fresh lemon juice
- 1 tablespoon brown sugar
- 1½ teaspoons cinnamon
- ½ teaspoon nutmeg
- ¼ teaspoon ground cloves
- ¼ teaspoon allspice
- 4 cinnamon sticks, optional

Combine all ingredients and heat to boiling. Place cinnamon sticks in serving mugs and fill with hot cider.

Makes 4 servings.

The OLD FARMER'S WEATHER FORECAST

NORTHEAST: Rainy and mild, then cloudy and cold, some flurries

SOUTHEAST: Rainy and warm, clear Florida; then cold wave, hard frost west

MIDWEST: Clearing and warm, snowstorm north, rain east, then clear and very cold

NORTHWEST: Snowstorm and cold wave; clearing in the mountains then snow, freezing rain and snow coast

SOUTHWEST: Cold and rainy, clear California, snow mountains, clearing, very cold then milder, showers, snow mountains

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, Dec. 7, 1992
Report Supplied by Auction

CATTLE 324. STEERS, SELECT 65.00-70.50; STANDARD 50.00-64.00; UTILITY 50.00 AND DOWN.

HEIFERS: STANDARD 50.00-63.00; UTILITIES 45.00-54.00.

COWS: UTILITY AND COMMERCIAL 48.00-57.50; CUTTERS, BONERS AND UTILITIES 44.00-47.50; CANNERS AND LOW CUTTERS 38.00-43.50; SHELLS 37.50 AND DOWN.

BULLS: GRADE #1 58.00-65.00; #2 47.50-57.00.

FEEDER STEERS: 200-300 LBS. 65.00-82.50; 301-500 LBS. 60.00-85.00; 501-800 LBS. 54.00-79.00.

HEIFERS: 200-300 LBS. 57.50-86.00; 301-500 LBS. 52.00-75.00; 501-800 LBS. 50.00-64.00.

BULLS: 200-300 LBS. 70.00-90.00; 301-500 LBS. 51.00-78.00; 501-800 LBS. 48.00-74.00.

CALVES: 180 HEAD. VEALERS CHOICE 90.00-111.00; GOOD 78.00-88.00; STANDARD AND GOOD 57.50-75.00; UTILITIES 55.00 AND DOWN.

FARM CALVES, HOLSTEIN BULLS #1 120.00-152.50; #2 85.00-122.50; BEEF BULLS 78.00-137.50.

HOLSTEIN HEIFERS: 75.00-150.00.

BEEF X HEIFERS 68.00-135.00.

HOGS: 108 HEAD. #1&2 220-260 LBS. 41.40-43.50; #1&3 200-220 LBS. 40.75-42.00; #2&3 100-200 LBS. 32.00-36.00.

SOWS: UNDER 500 LBS. 25.00-35.50; OVER 500 LBS. 32.50-34.00.

BOARS: 29.00-32.00.

FEEDER PIGS: 69 HEAD. #1&3 30-50 LBS. 16.50-27.00; #1&3 50-60 LBS. 24.50-32.00; #1&3 20-30 LBS. 16.50-19.00; #1&3 68 LBS. 28.00; UTILITIES 15.00 AND DOWN, ALL BY THE HEAD.

SHEEP AND LAMBS: 208 HEAD. CHOICE 76-100 LBS. 70.00-73.00; 101-125 LBS. 64.00-70.50; GOOD 57 LBS. AT 68.50; FEEDER LAMBS GOOD AND CHOICE 50-75 LBS. 70.00-80.00; 50-75 LBS. 65.00-68.50 GOOD; UTILITIES 65.00 AND DOWN; EWES 27.00-32.50.

GOATS: 28 HEAD. LARGE 45.00-53.00; MEDIUM 37.00-42.00; SMALL 14.00-25.00, BY THE HEAD.

1 HORSE BROUGHT 54.50 PER HUNDREDWEIGHT.

Aberdeen Sales Company, Inc.

Complete Auction & Appraisal Service
Churchville, Md.
Wednesday, Dec. 9, 1992

SLAUGHTER STEERS: MARKET 1.00 LOWER. CHOICE 2-4 1100-1400 LBS. 74.00-76.50; SELECT & LOW CHOICE 1000-1500 LBS. 69.00-72.50; HOL. STEERS HI CHOICE & PRIME 1250-1400 LBS. 67.00-69.00; CHOICE 1200-1500 LBS. 65.00-67.00; SELECT, ALL WEIGHTS 58.00-62.00.

SLAUGHTER HEIFERS: MARKET 1.00 LOWER. CHOICE & PRIME 950-1300 LBS. 72.00-75.00; SELECT ALL WEIGHTS 900-1400 LBS. 64.00-69.00.

COWS: MARKET 2.00 LOWER. BRK. UT. & COMM. 2-4 BULK 46.00-49.00; HI DRESSING 49.00-52.00; CUTTER & BON. UT. 45.00-47.50; HI DRESSING 48.00-51.00; CANNER & CUTTERS 42.00-45.00; LOW DRESSING 42.00-DOWN.

BULLS: MARKET 2.00 LOWER. ALL WEIGHTS 1100-1900 LBS. 59.00-63.00.

VEAL CALVES: MARKET 3.00 LOWER. CHOICE AND PRIME 200-400 LBS 65.00-82.00; HI GOOD AND LOW CHICE ALL WEIGHTS 60.00-77.00.

FARM CALVES: MARKET STEADY. HOL. BULLS 100-125 LBS. 135.00-150.00; HOL. BULLS 85-95 LBS. 95.00-135.00; HOL. HEIFER CALVES 100-120 LBS. 130.00-145.00; SMALL FRAME 70-105 LBS. 75.00-95.00; SLAUGHTER CALVES ALL WEIGHTS 56.00-68.00.

FEEDER CATTLE: MARKET 3.00 LOWER. BULLS & STEERS 400-900 LBS. 58.00-77.00; HEIFERS 300-700 LBS. 56.00-72.00.

LAMBS: MARKET 8.00 HIGHER. CHOICE & PRIME 90-110 LBS. 63.00-72.00; LIGHTER LAMBS 70.00-95.00; EWES - HEAVY 22.00-27.00; EWES - LIGHT 29.00-40.00.

GOATS: MARKET STEADY. SMALL 15.00-30.00; MEDIUM 30.00-45.00; LARGE 50.00-90.00.

HOGS: MARKET 1.00 LOWER. 210-250 LBS. 39.00-41.50; 255-300 LBS. 35.00-39.00; SOWS - HEAVY 29.00-33.00; SOWS - LIGHT 24.00-30.00; BOARS ALL WEIGHTS 25.00-29.00

Frederick Livestock Auction

Frederick, Md.
Dec. 7, 1992
Report Supplied by Auction

SLAUGHTER COWS: 95 HEAD, 1.50 LOWER. UTILITY 45.00-48.75; HIGH DRESSING 49.00-50.00; CANNERS 41.00-45.00; SHELLY 41.00 DOWN.

BULLS: YG#1 1875 LBS. AT 59.25; YG#2 LOW DRESSING 52.00-53.00.

FED STEERS: NO SELECT OR CHOICE; FEW STANDARD HOLSTEINS 1100 LBS. TO 56.50.

HEIFERS: STANDARD AND UTILITY 49.00-54.00.

VEAL CALVES; CHOICE 135-200 LBS. TO 89.00; GOOD 70.00-80.00; CULLS 85-110 LBS. 45.00-55.00; 50-80 LBS. 42.00-50.00; WEAK/ROUGH 40.00 DOWN.

FARM CALVES: HOLSTEIN BULLS TO 150.00; BULK #1 90-120 LBS. 130.00-142.00; #2 80-95 LBS. 80.00-125.00; HOLSTEIN HEIFERS FEW 100-125 LBS. 140.00-170.00; 80-95 LBS. 90.00-125.00.

BUTCHER HOGS: 65 HEAD, 1.00 HIGHER. US#1&2 240-250 LBS. 40.00-41.00; US#1&3 215-260 LBS. 38.00-39.75.

SOWS: NONE.

BOARS: NONE.

STOCK CATTLE: STEERS, NONE.

HEIFERS: 300-500 LBS. 58.00-68.00; 500-700 LBS. 56.00-63.00; 700-850 LBS. 51.00-58.00.

BULLS: 300-500 LBS. 62.00-70.00; FEW HOLSTEINS 63.00-71.50; BEEF TYPE 950-1050 LBS. 53.00-55.00; 1 HOLSTEIN BRED COW AT 735.00.

SHEEP AND LAMBS: NONE OFFERED.

GOATS: MEDIUM TO 61.00.

PIGS AND SHOATS: BY THE HEAD, 30-40 LBS. 12.00-20.00; 50-65 LBS. 26.00-27.00; BY THE POUND, 150-200 LBS. 33.00-35.00.

NEXT MON., DEC. 14, SIRE POWER WILL BE HERE TO BUY STRONG OPEN COWS FOR THEIR BREEDING SCHOOL.

Purina Mills

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OR
A Future Pork Producer
And
Want Your Income To Reflect
Your Performance
THEN: Ask About Our Alternative
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Purina Mills, Inc.®

Leaner pork for leaner people.

Coming...

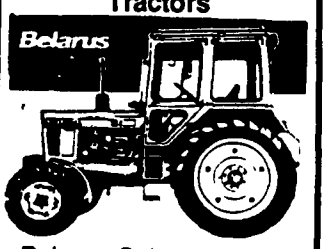
Binkley & Hurst Bros., Inc.
Annual
DISCOUNT CASH & CARRY DAYS

Starting Monday, December 21st, 1992
Thru Saturday, January 9th, 1993

BIG SAVINGS ON PARTS
AND OTHER MACHINERY SPECIALS

LOOK FOR FULL DETAILS IN THE DEC. 19th
ISSUE OF LANCASTER FARMING

Belarus
Sensible Down-To-Earth Tractors

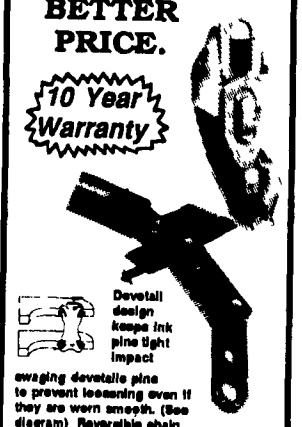


- Belarus Sales, Parts And Service
- Tractors Available From 31 HP to 100 HP

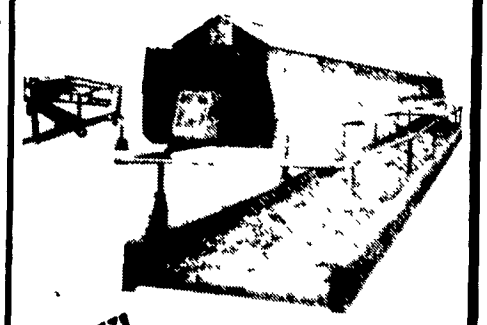
SPECIAL: 525- 4 WD, 65 HP, PTO, 3 Pt. Hitch, Remote, Hyd. w/Power Steering
CASH PRICE -$12,755

Now That The Silos Are Full, It's Time To Think About Barn Cleaners And Feed Conveyors...*Call And Check Us Out!*

BETTER CHAIN, BETTER PRICE.
10 Year Warranty



Dovetail design keeps link pins tight impact swaging dovetails pins to prevent loosening even if they are worn smooth. (See diagram) Reversible chain lasts longer.



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High-Capacity Feeder

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Watsontown, PA 17777
Exit 31, I-80 to I-180 Watsontown Exit
Hours: Mon.-Fri. 8 to 5; Sat. 8 to 12

JAMESWAY WE SHIP UPS STARLINE

Virginia Cattle & Hogs

VA Weekly

Richmond, VA
Wednesday, December 9, 1992

REVIEW OF VIRGINIA DIRECT HOGS FOR THE PERIOD DECEMBER 2-8, 1992. RECEIPTS FOR COUNTRY BUYING STATIONS IN VIRGINIA FOR THE PERIOD TOTALED 1407 HEAD. RECEIPTS FOR DELIVERY TO THE PLANT (WITHIN A 30 MILE RADIUS) FOR THE PERIOD TOTALED 5248 HEAD.

THE VIRGINIA DIRECT HOG MARKET FOR TUESDAY DECEMBER 8, 1992 CLOSED $1.00 HIGHER COMPARED TO LAST TUESDAY'S TRADING.

BARROWS AND GILTS: VIRGINIA COUNTRY POINTS U.S. 1-3 220-250 LBS 38.50-41.00

LOCAL PLANT DELIVERED (30 MILE RADIUS)

US 1-2 220-250 LBS. 39.50-40.50 FEW 42.00 US 2-3 220-250 LBS. 38.50-39.50 FEW 41.00 US 1-3 200-210 LBS. 35.50-36.50 US 1-3 210-220 LBS. 37.50-38.50 US 2-4 250-260 LBS. 36.50-37.50 US 2-4 260-270 LBS. 34.50-35.50 US 3-4 270-280 LBS. 32.50-33.50 US 3-4 280-300 LBS. 30.50-31.50

SLAUGHTER STEERS AND HEIFERS .5%; SLAUGHTER COWS 16% SLAUGHTER BULLS 2%, SLAUGHTER CALVES AND VEALERS .5%; FEEDER CATTLE UNDER 600 LBS 71%, OVER 600 LBS 10%.

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS

SLAUGHTER CATTLE: STEERS: CHOICE 2-3 1150-1300 LBS 70.00-77.00 CHOICE 2-3 1300 LBS & OVER 73.00-77.25

HEIFERS: CHOICE 2-3 1000-1100 LBS 68.75-73.75 CHOICE 2-3 1001-1400 LBS 73.00-75.75

SLAUGHTER COWS UTILITY & COMMERCIAL COWS 40.00-52.50 FEW 39.00

SLAUGHTER BULLS BULLS - 1-2 900-1300 LBS 49.50-58.50 1-2 1300-1600 LBS 50.00-64.00 FEW 49.00 1-2 1600 LBS & OVER 52.00-63.00 FEW 48.00

SLAUGHTER LAMBS CHOICE & FEW PRIME 1-2, 95-125 LBS WOOLED 72.50-78.00 FEW 65.00 CHOICE 1-2, 85-125 LBS WOOLED 70.00-75.75 FEW 62 00

SLAUGHTER HOGS US 1-3 200-250 LBS 41.00 SOWS US 1-3 300-500 LBS 27.00-34.00 500 LBS & OVER 31 00-35.00

FEEDER CATTLE STEERS: MEDIUM 1 200-300 79.00-93.00 300-400 85.00-98.00 FEW 78.50 400-500 82.00-97.00 FEW 76.00 500-600 70.50-84.00 FEW 93.00 600-700 70.00-86.00 700-800 70.00-83.00 800-900 65.00-76.75

HEIFERS; MEDIUM 1 200-300 79.00-84.00 300-400 70.00-82.00 400-500 63.00-76.00 500-600 60.00-76.00 600-700 63.00-74.00 700-800 61.00-70.00 800-900 61 50 1200E JG BBL

North VA

Richmond, VA
Thursday, December 10, 1992

SLAUGHTER CATTLE 71 HEAD - COWS STEADY - $1.00 LOWER BULLS TOO FEW TO QUOTE.

SLAUGHTER COWS 68 HEAD COWS CUTTER & BONING UT. 1-3 40.00-44.75 BREAKING UT. & COMM. 2-4 41.00-45.25 CANNER AND LOW CUTTER 1-2 35.00-39.00

SLAUGHTER BULLS -- HEAD 1-2 900-1300 LBS --- 1-2 1300-1600 LBS --- 1-2 1600 LBS & OVER ---

TOTAL LAMBS -- HEAD FEEDER LAMBS -- HEAD CHOICE & FANCY 60-70 LBS --- EWES AND RAMS -- HEAD SLAUGHTER EWES ALL GRADES ---

FEEDER CATTLE 201 HEAD - HEIFERS $1.00-3.00 HIGHER. BULLS $4.00-5.00 HIGHER. STEERS TOO FEW TO QUOTE.

HEIFERS; MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 300-400 --- --- 65.00-65.50 68.00-72.00 400-500 68.50-70.00 --- 61.50-65.00 68.00-68.50 500-600 67.00-69.50 --- --- --- 600-700 66.00-67.00 --- 65.50-66.00 ----

FEEDER BULLS; MEDIUM 1 LARGE 1 SMALL 1 MED&LARGE 2 200-300 LBS 85.00-93.00 --- 78.00-87.00 --- 300-400 LBS 84.00-91.50 --- 75.00-82.50 70.50-82.50 400-500 LBS --- --- 64.50-65.50 --- 500-600 LBS 70.00-83.50 --- --- 64.50-69.00

COWS RETURNED TO FARMS - HEAD

COWS WITH CALVES AT SIDE - PAIR -

BABY CALVES RETURNED TO FARMS 13 HEAD NEWBORN TO 4 WK OLD SMALL $25.00-47.50, LARGE $60.00-107.50 PER HEAD. OVER 100 LBS --- PER CWT.

Smithfield, Virginia
Wednesday, December 9, 1992

SLAUGHTER HOGS --- HEAD

SOWS US 1-3 300-500 LBS --- US 1-3 500 LBS & OVER ---- BOARS ----

SLAUGHTER CATTLE -- HEAD

SLAUGHTER COWS -- HEAD CUTTER & BNG. UT. 1-3 ----- BRKG.UT. & COMM. 2-4 --- CANNER & LOW CUTTER 1-2 ----

SLAUGHTER BULLS -- HEAD 1-2 900-1300 LBS --- 1-2 1300-1600 LBS ---

TOTAL LAMBS -- HEAD SLAUGHTER LAMBS -- HEAD WOOLED CHOICE & FEW PRIME 1-2 95-125 LBS ---

FEEDER CATTLE --- HEAD

Orange, VA
Wednesday, December 9, 1992

BARROWS AND GILTS US 1-3 200-250 LBS --- US 2-3 250-300 LBS --- SOWS US 1-3 300-500 LBS ---

SLAUGHTER CATTLE 127 HEAD

SLAUGHTER COWS 114 HEAD CUTTER & BNG.UT. 1-2 40.00-46.50 HIGH DRESSING --- BRKG.UT. & COMM. 2-4 41.00-51.00 HIGH DRESSING --- CANNER & LOW CUTTER 1-2 33.50-41.50

SLAUGHTER BULLS 13 HEAD 1-2 900-1300 LBS --- 1-2 1300-1600 LBS 50.50-52.75 1 60.00 1-2 1600 LBS & OVER 53.50-56.00

VEALER AND CALVES -- HEAD CALVES GOOD & CHOICE 250-500 LBS ---

(Turn to Page A12)

LEESPORT FARMERS MARKET

North end of Leesport, PA — Turn East off Route 61

"WHERE FRIENDS MEET"

BERKS COUNTY'S ONLY WEEKLY CATTLE & SWINE AUCTION — WEDNESDAY AT 1 P.M.

FARMER'S MARKET Every Wednesday, 9 AM TO 8 PM

Garden Fresh Fruits & Vegetables - Bakery Fresh Cakes, Pies and Buns - Butcher Fresh Meats & Cheese - Sporting Goods - Clothing - Furniture - Jewelry - Used Items & Collectibles.

PHONE: 215-926-1307 BILL WEIST & WOODY WEIST, MGRS.

AUCTION — PARADISE TOBACCO SALES — AUCTION

NEXT SALE DATES!!!
MON., WED. & FRI. DEC. 14, 16 & 18
Receiving Sat. from 7 a.m. to NOON
Receiving all other days from 7 a.m. to 4 p.m.
Sales Will Continue Through December 21st

As usual, it is most important to continue to grade your tobacco! Paradise Tobacco has a market for all grades.

Remember Farmers - we are doing all we can to continue to better your tobacco market! STICK WITH US.

Several important new faces have recently appeared in our warehouse. They caught us with an almost empty warehouse - which was disappointing!

IT'S VERY IMPORTANT TO GET WAREHOUSE FILLED IMMEDIATELY!!

FOR SALE: 3 Compartment Bale Boxes With Air, Twine, 10-Lath Round And Individual Lath Holders
TRUCKING AVAILABLE

PARADISE TOBACCO SALES
717-687-0990

We Are Dedicated To The Farm Community!
OUR CONCERN IS YOUR TOBACCO MARKET!

Shenandoah Valley Livestock

Harrisonburg, Va.
Dec. 5, 1992
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 82.00-94 00; 500-700 LBS. 74.00-84 00; 700-1000 LBS. 68.00-72 00; HOLSTEIN 300-1000 LBS 58.00-74.00.

S-L&M&L-2. 300-500 LBS. 78.00-88.00; 500-700 LBS. 70.00-78.00; 700-1000 LBS. 63.50-65.00.

FEEDER BULLS: 300-500 LBS. 75.00-85 00; 500-700 LBS. 72.00-78 00.

S-L&M&L-2: 300-500 LBS. 68.00-70.00.

HEIFERS: 300-500 LBS. 70.00-74.00, 500-700 LBS. 67.00-73.50; 700-1000 LBS. 63.00-65.00.

S-L&M&L-2: 300-500 LBS. 65.00-70.00.

STOCK COWS: BABY CALVES 50.00-138.00.

SLAUGHTER COWS: UTILITY AND COMMERCIAL 2-4 40.00-46.00; CANNER AND CUTTERS 1-2 38.00-41.75.

LAMBS: BLUE O HIGH CHOICE AND PRIME 76.25; RED O CHOICE 73.50; FEEDER LAMBS CHOICE 83.00-88.50; SLAUGHTER EWES 27.00-32.00.

SOWS: 1-3: 27.00-34 00.

BOARS: 24.75.

PRO GENETICS

Offering Lean & Muscular Duroc, Blackline & Maternal Line Boars Raised In Central PA

Bonus Maker Boars —

A Step Ahead Of The Rest

* Stringent Testing & Evaluation
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UNI-HYDRO IRONWORKER
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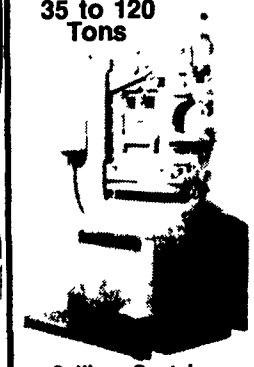

Selling: Scotchman Uni-Hydra Mubea

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Lancaster Farming

OPINION

Now Is The Time To Test Your Well

To protect both human and farm animal consumers, drinking water from privately-owned wells and springs should be tested once a year for bacteria and nitrates, and at least every three years for sulfates and pH level. These tests will monitor water quality and help to detect possible contamination from sewage, manure and some drilling/mining activities.

According to Robert Leiby and David Dunbar, Lehigh County Extension, coliform bacteria indicate sewage or manure contamination, while high total bacteria counts may include organisms not related to sewage or manure. Many human and animal diseases are caused by bacteria which thrive in sewage and manure.

High nitrate levels can cause methemoglobinemia (blue baby syndrome) in infants up to four months old. Nitrate converts to nitrite in the baby's stomach. Nitrite combines with oxygen in red blood cells, potentially suffocating the child. A symptom of nitrate poisoning is bluish skin, especially around the eyes and mouth. While nitrate poisoning does not seriously affect adult humans and adult monogast animals such as pigs, it does adversely affect both infant and adult ruminants (cattle, goats, sheep and horses). The presence of nitrates suggests the possibility that other soluble compounds are also leaching into groundwater.

Excessive concentrations of sulfates and other dissolved salts can cause gastrointestinal problems in people and animals.

The pH of water indicates its acidity or alkalinity. On the pH scale, 0 is very acid, 14.0 is very alkaline and 7.0 is neutral (neither acid nor alkaline). Acid water with a pH less than 4.5 probably contains mineral acids derived from mine drainage, and it will be very expensive to neutralize. Water with a pH between 5.0 and 6.0 should be neutralized to prevent corrosion of pipes and faucets. When water has a pH above 8.5, it will taste bitter and will require more chlorine for destruction of bacteria. Ruminant animals can be adversely affected by water with either high or low pH.

The following are situations which make it advisable to do extra and immediate water testing:

- when new mining or drilling operations occur near your well or spring.
- when you drill a new well and install a new plumbing system.
- when you change any components of your present water system.
- when your water changes appearance, taste or odor.
- (on a dairy farm) when you experience a noticeable and unexplained drop in milk production.

Now is the time to test your well.

NOW IS THE TIME

By John Schwartz
Lancaster County Agricultural Agent

To Consider Milk Assessment

Will you be shipping less milk this year than last year? If so, you may be eligible for a refund of the 13.65 cents per hundredweight (cwt.) assessment the government has been deducting from your milk check.

For a 60-cow herd, this refund could be around $1,200 to $1,500. If your production is running close to last year's, it might pay you to dry off or cull some cows in December in order to reduce your production to a level that will qualify for a refund. Before you do this, check with your local Agricultural Stabilization and Conservation Service (ASCS) office to verify your eligibility.

Glenn Shirk, extension dairy agent, reminds us that you cannot afford to give up too much production for the purpose of qualifying for the refund. If milk is $13 per cwt., you lose $130 of income for each 1,000-pound reduction in milk sold. This is the equivalent to one month's production from a 33-pound producer.

To Produce Drug-Free Milk

Our goal in agriculture is to produce drug-free products. This is especially true for the dairy industry. For the most part, we are doing an excellent job of this. However, we need to achieve this goal if we are to maintain consumer confidence in our products.

During the first six months of 1992, the Food and Drug Administration has randomly pulled 52,618 samples of milk from retail stores across the country and tested them for drug residues. Only 4 samples had residues in excess of 10 parts per billion.

We need to be constantly monitoring the cows being treated and keeping their milk from contaminating the regular milk. Dilution will not mask contaminated milk. Current testing procedures will detect the smallest quantity of a drug. Also, we need to maintain our practice of testing each truckload of milk for drug residues.

By maintaining high quality standards, we are protecting our products' reputation and keeping our consumers.

To Fill Out The Agricultural Census

Farmers are now receiving their Agricultural Census forms. Please take time and fill the forms out correctly.

The information gathered is very important to agriculture and is used by farm leaders, agricultural organizations, businesses, and government for making decisions.

Incomplete or inaccurate information will create bad decisions and poor farm policy. Accurate information is needed to evaluate the economic impact farm policies will have on agriculture, to identify agricultural issues and develop programs to address these issues, and help the nonfarm segment to understand the importance of agriculture to our country.

By filling out the agricultural census, you are helping to keep agriculture a growing industry.

Feather Prof's Footnote: "We cannot direct the wind but we can adjust the sails."

Farm Calendar

Saturday, December 12
National Young Farmers Institute, Des Moines, Iowa.

Sunday, December 13

Monday, December 14
Northwestern Pa. Fruit Growers dinner meeting, New Wilmington Grange Hall, 5:30 p.m.-8:30 p.m.
York County land preservation education meeting, East Manchester Township Building, 7:30 p.m.

Tuesday, December 15
Capitol Region Ag Chemical Safety Compliance School, Farm Show Complex, Harrisburg, 8:30 a.m.-3 p.m.
York County land preservation education meeting, Southeastern Middle School, 7:30 p.m.
Western Pa. Commercial Tree Fruit Seminar, Airport Holiday Inn, Pittsburgh, 8 a.m.-3:15 p.m.
Maryland Dairy Task Force Listening Session, Frederick County 4-H Center, Mountville, 10 a.m.-2 p.m.
Delmarva Agriculture and the Chesapeake Bay, Wicomico Youth and Civic Center, Salisbury, Md.
Understanding DHIA Records, Solanco Young Farmers, Solanco H.S. Ag Classroom, 7:30 p.m.

Wednesday, December 16
4-H Learn and Earn For Fun and Profit program, Berks County Ag Center, 10 a.m.-3 p.m.
Maryland Dairy Task Force Listening Session, Ramada Inn, Hagerstown, 10 a.m.-2 p.m.

Thursday, December 17
Agriculture Issues Forum, Kreider's Restaurant, Manheim, 7.30 a.m.-9 a.m.
Mid-Atlantic Conservation Tillage Conference, Embers Inn and Convention Center, Carlisle.
Pa. Holstein board of directors' meeting, State College, 10:30 a.m.
Forage School, Grove City, Intermediate Unit, repeats Dec. 22.
EAYFA Family Christmas Program, Ephrata Senior High School, 7:30 p.m.

Friday, December 18
Pa. Seedsmen's Association annual meeting, Eden Resort Inn, Lancaster, 10 a.m.-3 p.m.

Saturday, December 19

Sunday, December 20

Monday, December 21

Tuesday, December 22
Forage School, Grove City Intermediate Unit.
Corn Silage Clinic, Hegins Fire Hall, 10 a.m.-3 p.m.
Maryland Dairy Task Force Listening Session, Carroll County Ag Center, Westminster, 10 a.m.-2 p.m.

Wednesday, December 23
Maryland Dairy Task Force Listening Session, Howard Johnson Lodge, Millington, 10 a.m.-2 p.m.

Thursday, December 24
Hay Auction, Westmoreland Fairgrounds, 11 a.m.

Friday, December 25
Merry Christmas!

Friday, January 1
Happy New Year!

(Turn to Page A27)

THE BIBLE SPEAKS
by LAWRENCE W. ALTHOUSE

WHEN SHALL WE STOP PRAYING?
December 13, 1992

Background Scripture:
Luke 1:1-25.
Devotional Reading:
Luke 1:67-79.

There are some who pray much in the same way that they mail order merchandise from Sears or Spiegels. For them, prayer is like a shopping list of needs that God is obligated to fulfill. At the other extreme are those who believe that prayer is useless, an exercise in futility. In between those two polarities is where you and I probably find ourselves: not so arrogant that we believe God cannot and will not refuse our request, nor so skeptical as to believe that it accomplishes nothing.

The problem with many of us is pretty much what it was with Zechariah, the Jewish priest who became the father of John the Baptist. We don't know how long Zechariah and Elizabeth prayed for a son, but as Luke says "both were advanced in years," we can assume that for quite a few decades they had prayed fervently and nothing happened.

NO ANSWER?

Have you ever prayed for something day after day, month after month, year after year, but without anything you could interpret as an answer? I have. For at least three decades, I have prayed daily for the healing of a loved one's troubled soul. If there has been any result of my prayer, I have not noticed it. In fact, quite to the contrary. It is not a selfish or unusual request. I know that God wants that person whole as much and even more than I do. Is it beyond the power of God? No. Maybe I'm not praying rightly or perhaps I am not worthy for God to answer this prayer? No, I don't think that is it either. God doesn't answer prayer because we are worthy and only humans worry about prayer being the "right way". In fact, in Luke 1 we find that Zechariah and Elizabeth "were both righteous before God, walking in all the commandments and ordinances of the Lord blameless. But they had no child..." (1:6,7).

So it does not follow that God will answer the prayers of his "good" children and turn a deaf ear to those who are "bad". Human transactions and relationships may work that way, but not with God. Answered prayer is always a matter of grace: not because we are good, but in spite of the fact that we are not. Goodness may be rewarded, but a reward is never guaranteed. So, for me, prayer is always a mystery. Just when I think I know how best to pray, just when I think I have it all figured out, I am brought face to face with the realization that I don't know as much as I think I do.

YOUR PRAYER IS HEARD!

Zechariah's experience in the temple is always a spiritual tonic for me. When I wonder whether the God of the universe could possibly be hearing my prayers, I read the angel's assurance to both Zechariah and all of us, "Do not be afraid...for your prayer is heard..." (1:13). All of us need to be reassured that our prayers are heard and regarded by God, that in praying we are not speaking empty words to ourselves. Zechariah was assured, not only that his prayer was heard, but that his wife would bear a child that was to be a special servant of God.

So, should all barren couples believe that they are guaranteed that someday there will be a child born to them? No, that is a guarantee that prayer cannot and will not make. What is guaranteed is that God has heard the prayer and will do something about it. The purpose of our prayer will be fulfilled, but the letter of the prayer may not be. We will get our heart's desire, but it may not be in the form we have asked for. We are not God and therefore we do not always know what we really need.

So, although I have not yet penetrated the mystery of prayer and seen the results of my years of praying one special request, I will continue to pray, assured that God does hear my prayer and cares enough for me to answer that prayer, even though I may not see or understand the answer when it comes.

When shall I stop praying? Never!

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Ephrata, PA 17522
— by —
Lancaster Farming, Inc.
A Steinman Enterprise
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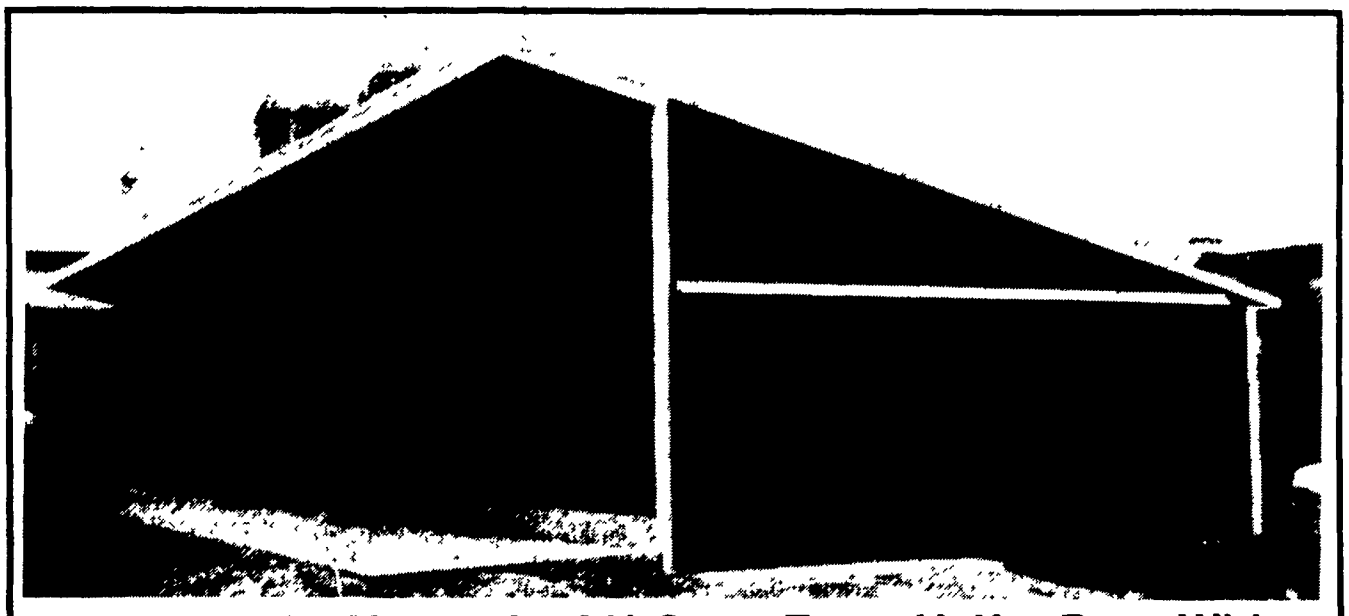
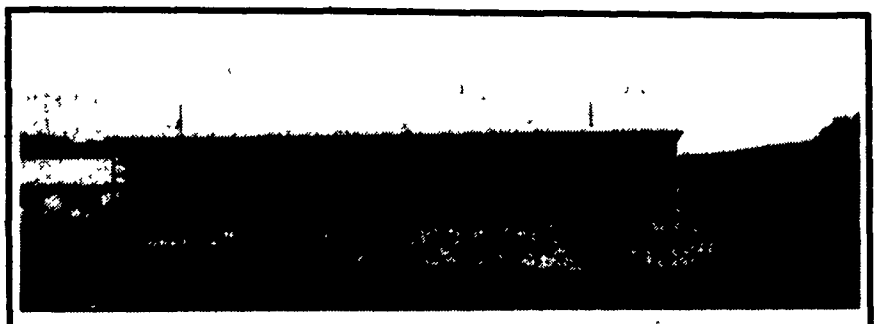


See This All New 26'x100' Open Front Heifer Barn With 8'x94' Circular Manure Storage, Built By Valley View Construction, Inc.



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NARVON, PA 17555

(Continued from Page A9)

FEEDER CATTLE 287 HEAD STEERS MED&LARGE 1 SMALL 1 MED&LGE 2 300-400 --- 75.00 --- 400-500 78.00-81.00 --- --- 500-600 74.50-83.50 --- --- 600-700 69.50-77.00 ---- ----- 700-800 70.00-73.00 ----- -----

HOLSTEIN STEERS MED&LGE 1-2 200-300 --- 300-400 --- 400-500 ---

HEIFERS MED&LARGE 1 SMALL 1 MED.&LARGE 2 300-400 72.50-76.00 65.00-71 00 -- 400-500 68.00-72.00 --- --- 500-600 66.00-69.50 63.00-65.50 ---- 600-700 68.50-69.25 --- ----

FEEDER BULLS MED&LARGE 1 SMALL 1 300-400 LBS 81.00-84.00 72.00-78.50 400-500 LBS 75.00-83.50 65.00-71.00 500-600 LBS 74.00-77 00 66.50-70.00 700-900 LBS 59.00-62.50 ---

COWS RETURNED TO FARMS 31 HEAD - L&M-2, 4-8 YRS OLD 850-1100 LBS $400.00-540.00; L&M-1, 6-10 YRS OLD 950-1050 LBS $560.00-600.00; L&M-2, 8-12 YRS OLD 800-1000 LBS $350.00-500.00; S-1, 4-10 YRS OLD 700-900 LBS $300.00-440.00 PER HEAD. L&M-1&2, 6-10 YRS OLD 900-1100 LBS $38.00-45.00, FEW $55.00-58.00/CWT.

BRED HEIFERS 7 HEAD - $300.00-460.00 PER HEAD

BABY CALVES RETURNED TO FARMS 45 HEAD NEWBORN TO 4 WK OLD $20.00-80.00 PER HEAD. OVER 100 LBS $80 00-125.00 PER CWT.

Oklahoma City Feeder Cattle

Oklahoma City, Okla.
Wednesday, December 9, 1992

Compared to last week: Yearling steers steady to $2.00 higher; yearling heifers steady. Demand very good for most yearlings. Exception was Brahma crosses which met light demand as recent storms have taken toll on thin skinned cattle in feedlots. Steer and heifer calves steady to $2.00 lower. Demand uneven for calves ranging from moderate to good. An increase was noted in big calves along with soft fleshy calves over last week. Hard, thin calves still readily available but the softer recently weaned kind were more prevalent than last week. Overall quality was plain to average, few attractive. Weigh conditions gaunt to average, few full and generally attractive to buyers. Moisture plentuful thruout Oklahoma; this setting up wheat for quick growth when temperatures warrant. Slaughter cows and bulls $3.00-$4.00 lower. Demand moderate at adjusted levels. Receipts this week 6,870, last week 5,735, last year 15,219. Supply consisted of 46 percent yearlings and calves over 600 lbs.; 44 percent calves; 10 percent cows and bulls. Bulk prices follow; weighted average prices in parenthesis:

Feeder Steers: Medium and Large Frame 1, 300-400 lbs. $103.00-$108.50; 400-450 lbs. $95.00-$103.00 ($100.86); 450-500 lbs. $93.00-$98.00 ($95.49); 500-550 lbs $87.00-$96.75 ($91.40), 550-600 lbs. $85.00-$92.75 ($87.15); 600-700 lbs. Yearlings $83.50-$91.50 ($87.57), Calves $81.25-$87 .25 (83.02); 700-800 lbs. $86.00-$90.00, Brahma cross $83.25-$84.00 ($86.37); 800-850 lbs. $83.25-$87.50 ($85.07); 850-900 lbs. $79.00-$81.75 ($81.42). Few Large Frame 2 Holsteins, 300-400 lbs. $84.00-$84.50; 500-550 lbs. $74.75-$77.00 ($75.50); 625-700 lbs. $68.50-$70.75; 885 lbs. $64.00

Feeder Heifers: Medium and Large Frame 1, 300-400 lbs. $88.50-$95 00 ($93.65); 400-450 lbs. $86.00-$89.50 ($87.62); 450-500 lbs. $82.50-$88.00 ($84.42); 500-600 lbs. $79.00-$85.00, few to $87.00 ($82.49); 600-700 lbs $79.00-$85.00 ($83.14); 700-800 lbs $78.50-$82.00 ($80.74), 00-825 lbs $77.00-$80.75 ($78.40). Slaughter Cows: Closing levels: Cutter, Boning and Breaking Utility Y.G. 1-4 average dressing $41.00-$44.00; high dressing $44.00-$48.50, fat cows at top end of quotations, low dressing $40.00-$41.00. Canner and low Cutters over 800 lbs. $37.00-$39.25, full or light weight $32.25-$35.50.

Slaughter Bulls: Y.G. 1 1450-1900 lbs. average dressing $53.00-$56.75; high dressing $56.50-$59.25. Replacement Cows: Pre-tested for Bangs, Pregnancy, and Age: Medium and Large Frame Average Quality Cows: 2-5 year old 800-1100 lbs. 2-6 months bred $72.00-$80.00 per cwt 6-8 year old 800-1075 lbs. 3-7 months bred $59.25-$67.50 per cwt

New Holland Dairy

New Holland Sales Stables
Wednesday, Dec. 9, 1992
Report supplied by auction

DAIRY COWS 90; HEIFERS 114 AND BULLS 10. MARKET STEADY.

FROM PENNSYLVANIA FRESH 875.00-1310.00, SPRINGERS 1160.00-1200.00.

FROM PENNSYLVANIA FRESH 1100.00-1460.00, BETTER FRESH 1560.00-1675.00.

WISCONSIN FRESH 1400.00-1475.00.

PENNSYLVANIA FRESH 1075.00-1375.00.

OHIO SPRINGERS 550.00-1150.00.

LOCAL COWS FRESH 725.00-1075.00, BETTER FRESH 1200.00-1425.00.

OPEN BREEDING-AGE HEIFERS 590.00-680.00.

SPRINGING HEIFERS 835.00-1110.00.

SHORTBRED HEIFERS 550.00-1050.00.

SMALL OPEN HEIFERS 470.00-550.00.

SMALLER OPEN HEIFERS 310.00-450.00.

BULLS 400.00-760.00, PUREBREDS 710.00-890.00.

Mercer Livestock

Mercer, Pa.
Tuesday, Dec. 8, 1992
Report Supplied By Auction

CATTLE: 254. HIGH CHOICE & PRIME SLAUGHTER STEERS 74.50-79.00, 1 AT 79.25; CHOICE SLAUGHTER STEERS MOSTLY 73.00-77.00, SELECT STEERS 66.00-72.00, SELECT & CHOICE HOLSTEINS 62.00-68.50. SLAUGHTER HEIFERS CHOICE 69.50-73.85, SELECT 58.50-64.00.

COWS: BREAKING UTILITY & COMMERCIAL 43.25-47.00, CUTTER AND BONING UTILITY 42.75-50.75; CANNER AND LOW CUTTER, NONE, SHELLS LOW YIELD, NONE.

BULLOCKS: CHOICE 58.00-62.00, SELECT 52.00-57.00.

BULLS: YG#1 61.50-62.50.

CALVES, 100. CHOICE, NONE; GOOD 90-160 LBS. .60-.80; STANDARD & GOOD 60-90 LBS. .30-.65; HOLSTEIN BULLS 95-110 LBS. 1.30-1.62; #2 90-135 LBS. 1.00-1.25; HOLSTEIN HEIFERS 90-140 LBS. 1.00-1.51. TOP BEEF BULL AT 125 LBS. 1.53. TOP BEEF HEIFER 130 LBS. 1.31.

HOGS: 200. BARROWS AND GILTS US#1-2 230-250 LBS. 41.50-43.00.

US#1-3 225-240 LBS. 40.75-42.00.

SOWS US#1-3 320-650 LBS. 29.00-35.00.

BOARS: 270-650 LBS. 24.00-32.00.

LAMBS: 6 AT 70-110 LBS. 57.00-65.00.

FEEDER PIGS: 40-50 LBS. 14.00-22.00.

GOLDEN LEAF TOBACCO CO. INC.

Attention Tobacco Farmers

We are no longer receiving tobacco at Martin's Sale Barn, Intercourse, PA. Our new location is 3 miles east of Rt. 222 on Rt. 322 between Ephrata and Blue Ball. Watch for our sign on North side of Rt. 322. We will receive tobacco on Tuesdays and Thursdays or by appointment.

Call For More Information
(717) 354-8177 (717) 575-4229
(717) 733-8921

CHRISTMAS & NEW YEAR HOLIDAY SALES

LAMBS & GOATS

We Recommend You Bring Them In
December 14th, 21st And 28th
Sale Time 9 AM

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136

BOYDELL FARMS
302 Iona Rd., Lebanon, PA 17042
Phone: 717-272-8943

DISTRIBUTORS FOR:
SILO QUEEN
2390- 2402-2517 -2518
North Coast Seed Corn

NEW 2525 LESS 6% 2329 BIRD FOOD
PAID IN DECEMBER

SOYBEANS
STINE SOYBEAN SEEDS NC
3090 E 354-284-Shore
Resnick - Pella

TIMOTHY, TORO and CLIMAX TIMOTHY

ALFALFA
84 VWAP VERNAL WETFOOT ERIE

BALER TWINE
Early Payment By Dec. 24th

FERTILIZER

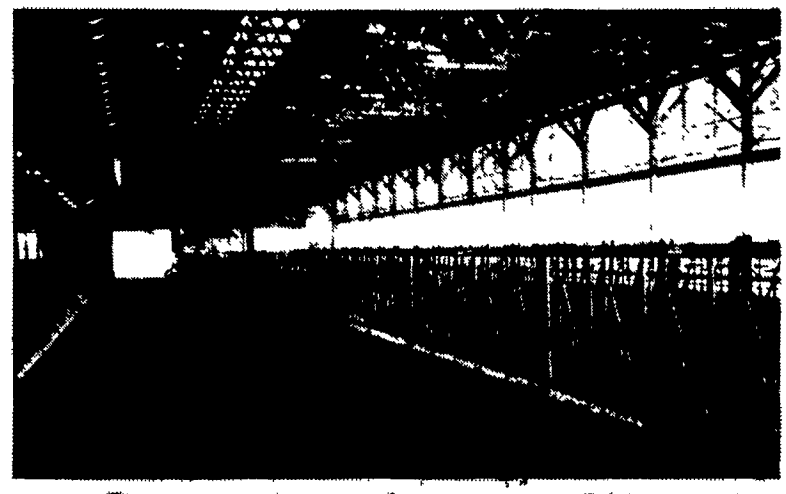
BALBOA TYPE RYE
TP RYE & DANCO RYE

FIELD PEAS & SPECIAL OATS

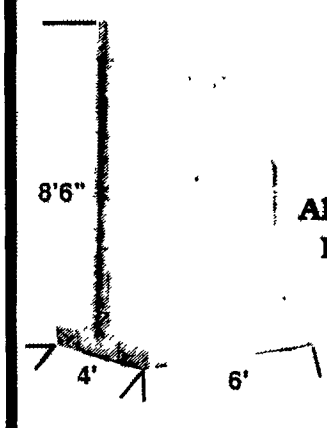
PECAL
COMBINATION OF PEA & TRICAL

WHOLESALE & RETAIL

KEYSTONE CONCRETE PRODUCTS INC.
477 East Farmersville Rd.
New Holland, PA 17557
(717) 355-2361
"WAFFLE SLAT"®

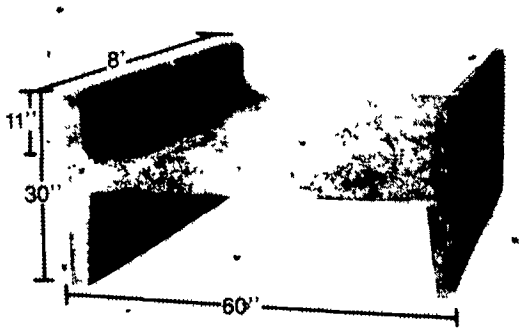


Long Core Cattle "Waffle Slats"

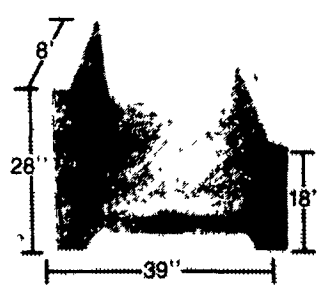


T-Wall Bunker Silo Sections, Also Available In A-Frame Panels

Slatted Beef Barn



H-Bunks



J-Bunks

Other Products:

- H & J Bunks
- Hog & Cattle Slats
- Bunker Silos
- Concrete Hog Penning
- Concrete Post & Beams

Give us a call for more information on hog, beef, dairy and heifer barns.

Philadelphia Vegetable Market

Philadelphia, Pa
Wednesday, December 9, 1992

VEGETABLES---ARTICHOKES: OFFERINGS LIGHT ctns CA 24s few 18.00 36s 11.00 48s 9.00 60s 8.00 --- ASPARAGUS: MARKET ABOUT STEADY 11 lb crates bchd PE 12s exlge 16.00-17.00 12s lge 15.00-17.00 few high as 20.00 one lot 12.00 12s std 16.00-18.00 ---BEANS: OFFERINGS LIGHT VARIOUS BUSHEL CONTAINERS UNLESS OTHERWISE STATED FL Round Green Type 23.00 Handpicked 22.00-24.00 --- BEETS: MARKET STEADY ctns bchd MX 12s 8.00 TX 12s 7.00 25 lb sks lse NJ 7.00 bubkts lse 10.00 ---BROCCOLI: MARKET SLIGHTLY HIGHER CA Crown Cut 14.00 ctns CA bchd 14s 9.00-11.00 NJ 6.00 ---BRUSSELS SPROUTS: 25 lb ctns CA 15.00-16.00 mostly 16.00 ---CABBAGE: MARKET ABOUT STEADY 1-3/4 BUSHEL CRATE & CARTON MEDIUM GREEN UNLESS OTHERWISE STATED NC 5.50-6.50 mostly 6.00 Red Type 9.00 sml 6.50-7.00 Savoy Type 8.00-9.00 NJ few 5.50-6.00 Red Type 8.00 PA fr cond 3.50-4.50 50 lb sks NC lge 4.50 NY lge 4.50 fr cond 3.00 ---CARROTS: MARKET SLIGHTLY HIGHER sks 48 1-lb flmbgs CA med-lge 9.00-10.00 CD med-lge 9.00 50 lb sks lse CA jbo 8.00-9.00 mostly 8.00 few 9.50 CD jbo 8.00 ctns bchd CA 24s 10.00 --- CAULIFLOWER: MARKET ABOUT STEADY ctns flmwrpd CA 12s 12.00-13.50 9s 12.00 16s few 12.00 FL 16s 10.00 ---CELERY: MARKET ABOUT STEADY ctns CA 2 dz 13.00-15.00 2 1/2 dz 11.00-13.00 mostly 12.00 few 10.50 3 dz 9.00-10.00 ctns flmbgs CA Hearts 18s 13.00 fr cond 8.00 ---CHINESE CABBAGE: celcrts FL 8.00 50 lb ctns CA Nappa 11.00-13.00 celcrts FL Nappa 10.00 --- CORN-SWEET: OFFERINGS INSUFFICIENT TO QUOTE ---CUCUMBERS: OFFERINGS LIGHT WAXED UNLESS OTHERWISE STATED 1 1/9 buctns FL med fair appear 6.00-8.00 some unwaxed low as 5.00 fr qual & appear 4.00-6.00 MX med fr qual 9.00-10.00 ---EGGPLANT: MARKET ABOUT STEADY 1 1/9 buctns FL med few 6.00 fr qual 4.00-5.00 --- ENDIVE: OFFERINGS LIGHT 1 1/9 bucrts FL fr appear 7.00 10 lb ctns BL Witloof 15.00-17.00 ---ESCAROLE: MARKET HIGHER 1 1/9 bucrts FL 9.00-10.00 --- GARLIC: MARKET STEADY 30 lb ctns CA White late keeping super colossal 34.00-37.50 super col 30.00 col 32.00-34.00 super jbo 29.00-31.00 exjbo 27.50 ---GREENS: MARKET ABOUT STEADY CRATES & CARTONS APPROXIMATELY 1-1/2 BCHD UNLESS OTHERWISE STATED NC Collard 6.00 Kale 6.50-7.00 Mustard 6.50 Turnip Tops 6.50 Rape 6.50 Field Cress 7.00 NJ Collard 6.00 Kale 6.50-7.00 red 10.00 Mustard 6.50 Turnip Tops 6.50 Rape 6.50 PA Collard 6.00 Kale 6.00 Mustard 6.00 Turnip Tops 6.00 Rape 6.00 ctns lse CA Kale red 24s 1.00-12.00 one label 25.00-26.00 20 lb ctns CA Broccoli Rabe one label 25.00-26.00 MX Broccoli Rabe 18.00-20.00 ---LETTUCE-ICEBERG: MARKET HIGHER AZ Naked 24s 16.00-18.00 mostly 16.50-18.00 wrapped 24s 16.00-18.00 mostly 17.00 30s 15.00-17.00 CA Naked 24s 16.00 NJ Naked 24s fr qual & cond 5.00-7.00 --- LETTUCE-OTHER: MARKET ABOUT STEADY ctns CA Boston 24s 12.00 few high as 14.00 Green Leaf 24s 9.00-11.50 some low as 8.00 Red Leaf 24s 9.00-11.50 occ higher some low as 8.00 FL Boston 24s 10.00 Green Leaf 24s 7.50-8.00 --- LETTUCE-ROMAINE: MARKET HIGHER ctns CA 24s 19.00-21.00 few 18.00 FL 24s 14.00-16.00 few low as 12.00 1.3 bucrts CA 24s 21.00-24.00 --- MUSHROOMS: MARKET STEADY 10 lb ctns PA lge 11.00-11.50 med 8.50-9.00 4 qt bkts PA med-lge 4.75-5.00 sml-med 3.75-4.00 3 lb ctns PA Shiitake 15.50-17.00 few 13.50-14.00 fair qual 11.50-13.00 ctns 10 12-oz trays flmwrpd PA 8.50-9.00 ---OKRA: TOO FEW SALES TO QUOTE ---ONIONS GREEN: MARKET ABOUT STEADY ctns bchd MX 48s 6.00-7.50 mostly 6.50-7.00 crts bchd NJ Leeks 12s 11.00-12.00 mostly 12.00 ctns bchd CA Leeks 12s 12.00-13 00 FL Leeks 12s 12.00 ---PARSLEY: MARKET ABOUT STEADY 5 DOZ CURLY UNLESS OTHERWISE STATED NJ Root 12s 12.00 crts bchd FL 13.00-14.00 mostly 14.00 Plain 14.00 few 12.00 ctns bchd CA 12.50 TX 14.00 Plain 14.00 ---PARSNIPS: 25 lb flm sks PA 12.00 ---PEAS GREEN: MARKET ABOUT STEADY 10 lb ctns per lb GU Snow Peas 1.60-1.70 mostly 1.70 ---PEAS OTHER: OFFERINGS INSUFFICIENT TO QUOTE ---PEPPERS: MARKET ABOUT STEADY 3.56 DEKALITER CARTONS UNLESS OTHERWISE STATED FL California Wonder Type Green exlge 9.00-10.00 lge 8.00 few 7.00 med 6.00-7.00 few 5.00 sml 5.00 Mxd Red & Green lge 5.00-6.00 Red exlge fr appear 18.00 lge 18.00-20.00 fr appear 16.00 sml 12.00 Yellow exlge 18.00 lge 16.00 med-lge fr qual 10.00 1 1/9 buctns TX California Wonder Type Green exlge fr cond 5.00-7.00 mostly 5.00-6.00 ---PEPPERS OTHER: OFFERINGS LIGHT 1/2 buctns FL Finger Hot 12.00-13.00 red 12.00 1 1/9 buctns FL Long Hot 15 00-16.00 --- RADISHES: MARKET STEADY ctns tpd 30 6-oz flmbgs FL Red 7.00 ctns tpd 14 1-lb flmbgs FL Red 7.25 ctns bchd MX Red 24s 6.00-7.00 ---RHUBARB: OFFERINGS NONE ---RUTABAGAS: MARKET STEADY 50 lb ctns CD CDOne med 7.00 few 8.00 ---SPINACH. MARKET ABOUT STEADY ctns CA Flat 24s 12.00 1 2/5 bucrts bchd CA Flat 24s 15.00 bubkts NJ Savoy 8.00 ctns 12 10-oz flmbgs Repacked Enroute Savoy 8 50-9.50 ---SQUASH: MARKET ZUCCHINI LOWER, YELLOW STRAIGHTNECK HIGHER 1/2 & 5/9 bucrts & ctns unless otherwise stated FL Zucchini sml-med 10.00-12.00 mostly 10.00 some low as 10.00 Yellow Straightneck sml 12.00-14.00 1 1/9 bucrts MX Zucchini lge 14.00 26 lb lugs MX Zucchini sml 14.00 sml-med 14.00 med 13.00 ---SWEET POTATOES: MARKET STEADY CURED NEW CROP 40 lb ctns NC U.S. One Jewels med 8.00-9.00 --- TOMATOES: MARKET HIGHER 25-LB CARTONS PINK TO LIGHT RED 85% OR BETTER US#1 QUAL UNLESS OTHERWISE STATED FL xlge 17.00-18.00 mostly 17.00 few 16.00 lge 13.00-15.00 mostly 14.00 25 lb ctns Local Repack xlge 18.00 lge 15.00 med 14.00 flts 2 lyr CA 5x6s 14.00 ---TOMATOES, CHERRY: TOO FEW SALES TO QUOTE ---TOMATOES, PLUM TYPE. TOO FEW SALES TO QUOTE --- TURNIPS: 25 lb sks PA Purple Top 5.00 ---VEGETABLES OTHER: MARKET ABOUT STEADY 3 kg ctns IT Radicchio 8.50-10.00

Philadelphia Potato & Onion

Philadelphia, Pa
Wednesday, December 9, 1992

ONIONS AND POTATOES ---ONIONS DRY: MARKET WHITE JUMBO HIGHER, OTHERS ABOUT STEADY US#1 OR GENERALLY GOOD QUAL AND COND UNLESS OTHERWISE STATED. NEW CROP Yellow Globe Type NY 50 lb sks med 6.00-7.00 mostly 6.00 some 5.00 Spanish Hybrid CO 50 lb sks jbo 11.00 rpkr sz 8.00 ID/OR 50 lb sks col 12.00 jbo 10.50-11.00 mostly 11.00 WA 50 lb sks jbo 10.50 White NV jbo 19.00-20.00 UT jbo 20.00 Red ID 25 lb sks lge 8.00 NY 25 lb sks lge 6.00 med 5.00 ---POTATOES: MARKET STEADY US#1 SZ A WASHED OR BRUSHED UNLESS OTHERWISE STATED NEW CROP Russet Burbank ID bld 10 5-lb flmbgs non sz A 8.00-8.50 some 7.50 50 lb ctns 70s 11.00-12.50 mostly 12.00 80s 11.00-12.50 mostly 11.00-12.00 90s 10.00-11.00 mostly 10.00-10.50 few 11.50 100s 10.00-10.50 mostly 9.00-9.50 few 8.50 fair qual 8.00 Norkotah WI 50 lb ctns 70s 7.00 80s 7.00 90s 8.00 100s 6.50-7.00 Round Red MN/ND 50 lb sks 6.50-8.00 sz B 10.50-12.50 mostly 11.00 few 10.00 Round White CD Prince Edward Island CDOne 50 lb sks 4 50 lge 5.50 LI 50 lb sks 4.50-4 75 lge 4.50-5.00 ME 50 lb sks 4.00-4.25 mostly 4.00 lge 4.50-4.75 NJ 50 lb sks 3.00-4.00

Leinbach's Shippensburg Produce Auction

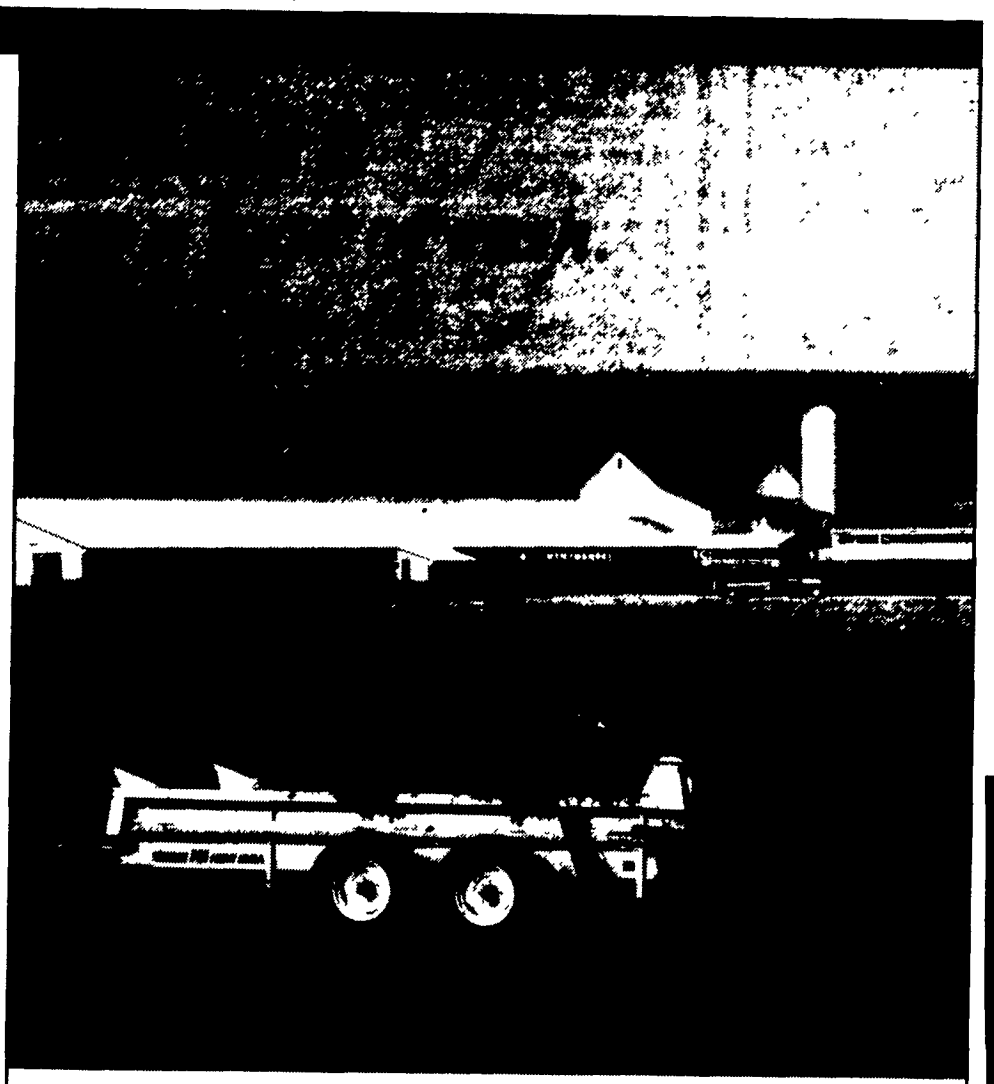
(717)532-5511
Shippensburg, PA
Average Prices Of #1 Produce
Dec. 5 and 8
Open 10 a.m. Tues. and Sat. only
Report Supplied by Auction

APPLES: 2.00-5.00 ½ BU
CABBAGE: 3.00-4.00 50 LBS., .20-.30 HEAD.
CAULIFLOWER: .35-.85 HEAD.
BROCCOLI: 2.00-5.00 BU
POTATOES: 3.00-5.00 50 LB., 1.25-1.50 20 LBS.
SWEET POTATOES: 3.00-5.00 ½ BU
ORANGES AND GRAPEFRUITS: 6.00-12.00 BOX.
WREATHS AND SWAGS: 2.00-6.00 EACH.
CHRISTMAS TREES: 3.00-7.50 EACH.
POINSETTIAS: .50 AND 2.00 EACH

See Your White-New Idea Dealer Listed Below.

New Jersey
Bridgeton
Leslie G. Fogg Inc.
Columbus
Reed Brothers Equipment
Shiloh
Farm Rite Inc.

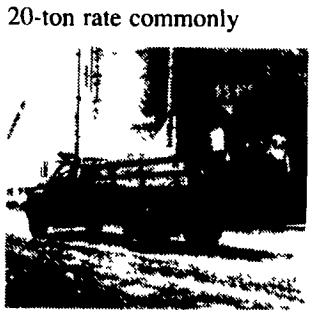
Pennsylvania
Airville
Farmers Equip. & Supply Co. Inc.
Bechtelsville
Miller Equip. Co
Bethel
Zimmerman Farm Service
Bloomsburg
William F. Welliver
Chambersburg
Chambersburg Farm Service Inc.
Cochranville
Stoltzfus Farm Service Inc.
Dover
George N Gross Inc
Everett
Sollenbergers Equipment Inc
Gettysburg
Yingling's Implement Inc
Honesdale
Marshall Machinery
Klingerstown
Stanleys Farm Service
Lebanon
Umbergers Of Fontana
Mahaffey
Hutton Farm Equipment
Mercer
Ralph W Kyle Inc.
New Tripoli
C J. Wonsidler Bros.
Oakland Mills
Peoples Sales & Service Inc.
Quakertown
C J. Wonsidler Bros.
Quarryville
A L Herr & Brother Inc.
Somerset
Lincoln Supply & Equipment Co.
Tunkhannock
Ace Jurista Inc



Like all fertilizers, manure application rates affect the quality and yield of your crops. That's why your White-New Idea dealer can help you set up your New Idea spreader to apply manure at a rate that matches your soil nutrient needs.

With commercial potash costs of $150 per ton, using manure could mean a $15 per acre savings. In fact, applying manure at a rate of three to six tons per acre—instead of the 20-ton rate commonly used today—can save you $7500 on just 500 acres.

So test your manure and soil. Then see your White-New Idea dealer for all the manure application rate details.


Truck-mount conversion package available for hauling long distances

agONE® THE ONE FOR PARTS
✓Conveyor chain replaces all makes T-bar or T-rod links
✓Pre-stressed replacement roller chain eliminates pre-mature stretching
✓Pick up your FREE spreader maintenance guide

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TOP QUALITY HAY AT ITS LOWEST PRICE
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DAIRY HAY — SALT HAY
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STRAW BEDDING — BAGGED SHAVINGS
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Res. (203) 342-2143
Res. (203) 342-1075
1-800-537-2539

Notice Of Time Change
(Hay Sale)
Starting Jan. 1, 1992
(New Year's Day)
Hay And Straw Sales Will Start At 10 A.M. Every Wed.

GOOD'S AUCTION
111 North Maple Ave.
Leola, PA 17540
717-656-8911
717-656-9554

Phiadelphia Fruit Market

Philadelphia, Pa
Wednesday, December 9, 1992

CITRUS FRUITS ---GRAPEFRUIT. MARKET STEADY BA Star Ruby 23s 13.00 27s 13.00 32s 11.00 36s 11.00 40s 8.00 FL Indian River Star Ruby 32s fr qual 8.00-8.50 36s fr qual 8.00-8.50 40s fr qual 8.00-8.50 48s fr qual 8.00-8.50 56s fr qual 8.00-8.50 Red 48s 6.00-6.50 56s 5.00-5.50 4/5 bucths FL Indian River Red 18s 12 50 23s fair qual 7.50 27s 11.50-13.00 32s 11.00-11.50 36s 10.00 fair qual 7.50 40s 8.00-9.50 mostly 8.00-8.50 fair qual 7.00-7.50 most 7.00 48s 7.00-7.50 fair qual 7.00 56s 6.00 White 23s 9.00 27s 9.00 32s 9.00 36s 8.50 8 5-lb flmbgs FL Indian River Red 40 sz 12.00 ---LEMONS: MARKET STEADY ctns AZ 115s 16.00-17.00 140s 13.50-14.00 fair qual 12.00 165s fr qual 10.00-11.00 200s 10.00-11.00 mostly 10.50-11.00 235s 10.00 CA 95s 21.00 140s 14.50-16.50 165s 11.50-12.50 fair qual 11.50 200s 11.50 fair qual 11.50 ---LIMES: MARKET MEXICO HIGHER, BAHAMAS STEADY 10 lb ctns BA 28s 4.50 36s 4.50 MX 42s 5.00 occ hgr 48s 5.00-5.50 54s 5.00-5.50 63s 5.00-5.50 ---MISC CITRUS: 2.5 kg crts MR Clementine 36s 6.00 SP Clementine 36s 4.00-5.00 mostly 4.50 40s 4.00-5.00 mostly 4.50 10 kg crts SP Clementine 98s 22.00 108s 19.00-20.00 mostly 20.00 120s 16.00-17.00 mostly 17.00 132s 16.00 140s 16.00 168s 16.00 ---ORANGES: MARKET STEADY ctns CA Navel 48s 13.50 56s 13.00-14.00 mostly 13.50 fair qual 10.50 72s 12.00-13.00 mostly 12.50-13.00 fair qual 10.00-11.00 88s 11.50-12.50 mostly 12.50 fair qual 9.50 113s 10.50-11.00 mostly 11.00 few 11.50 fair qual 9.00 138s 10.00 fair qual few 9.00 4/5 bucths FL Hamlins 80s 7.50-9.00 100s 8.00-8.50 125s 6.00-7.00 few 7.50 ---TANGELOS: MARKET STEADY 4/5 bucths FL Orlando 125s 5.50-6.00 64s 10.00-10.50 80s.00 mostly 19.00-20.00 few 21.00 150s 14.00-17.00 some 18.00 4/5 bucrts MX Dancy 176s 10.00-12.00 1/2 bu ctns CA Fairchild med with stems & leafs 8.00-9.00 ---TEMPLES: OFFERINGS NONE

BERRIES ---BLUEBERRIES: OFFERINGS LIGHT MARKET LOWER NEW CROP flts 12 6-oz flmwrpd cups NZ AIR med 36.00-40.00 ---CRANBERRIES: ctns 24 12-oz flmbgs MA Late Howe 40.00 ---MISC BERRIES: OFFERINGS LIGHT flts 12 6-oz flmwrpd cups GU AIR Blackberries 15.00 ---RASPBERRIES: MARKET ABOUT STEADY flts 12 1/2-pt cups flmwrpd CL AIR Red 18.00 ---STRAWBERRIES: MARKET ABOUT STEADY CB flts 8-250 gram cups with lids 14.00 flts 12 1-pt bkts CA med 15.00-16.00 one label 19.00 flts 9 12-oz bkts NZ med 21.00

MELONS ---CANTALOUPS: 1/2 ctns AZ 15s fr cond 12.00 18s fr cond 12.00 GU 12s ord cond 3.00 18s ord cond 3.00 MX 15s fr qual 13.00-15.00 mostly 13.00-14.00 18s fr qual 13.00-14.00 ---HONEYDEWS: MARKET HIGHER 2/3 ctns EC 5s 16.00 MX 5s 13.00-14.00 6s 12.00-14.00 some 16.00 8s 10.00 PN 6s 13.00-15.00 ---MISC MELONS: OFFERINGS LIGHT 2/3 ctns MX Orange Flesh 8s 13.00.---WATERMELONS: MARKET ABOUT STEADY ctns FL Sangria 4s 20.00 Allsweet 3s 18.00 Jubilee 3s 18.00 4s 16.00 Red Seedless 4s 25.00 MX Jubilee 3s 15.00-20.00

NON-CITRUS FRUITS ---APPLES MARKET STEADY NEW CROP PA U S. Fcy Red Delicious 2 1/2" up 7 00-7.50 ctns trypk CA U.S. ExFcy Granny Smith 88s 17.00-18.00 100s 16.00-17.00 mostly 16.00 113s 13.00-15.00 125s 13.00 VA U.S. ExFcy Red Delicious 100s 13.00 WA WAExFcy Red Delicious 113s one label 17.50 Golden Delicious 80s 19.00 18.50 88s 18.50 100s 15.00-16.00 113s 15.50 125s 13.50-14.00 Granny Smith 100s 15.00 U.S. ExFcy Red Delicious 80s 12.00 88s 12.00 100s 12.00 113s 13.00 120s 13.00 125s 13.00 138s 13.00 Golden Delicious 100s 15.00 ctns celpk VT U.S. One Mcintosh 80s few 10.00 100s 9.50 120s 9.00 ---APRICOTS: OFFERINGS NONE ---AVOCADOS: MARKET LOWER ctns 2 lyr CA Hass 48s 23.00-25.00 mostly 24.00 ---BANANAS: ctns IMPORT 10.00 fr qual 7.50-8.00 film wrpd 10.50 ctns institutional pk IMPORT petite 12.00 ---CHERRIES: OFFERINGS LIGHT 11 lb ctns CL AIR Bing extra-lge 20.00 lge 16.00 med 14.00-15.00 10 row sz few 26.00 11 row sz few 23.00 ---FRUITS OTHER: CA Cactus Pears 15-lb ctns lse 19.00 2-lyr ctn 60s 24.00 Quince 2 lyr lugs 36s 16.00 ---GRAPES: MARKET ABOUT STEADY 23 lb lugs CA Emperor 12.00-14.00 one label 16.00 Christmas Rose 13.00-14.00 Red Globe 18.00 20-21 lb lugs bgd CA Thompson Seedless fair cond 10.00-12.00 Ruby Seedless 18.00-21.00 sml 16.00-17.00 Red Seedless 23.00 Emperor 13.00 Rouge 12.00 18 lb lugs bgd CL Black Seedless 20.00-25.00 18 lb lugs wrpd CA Thompson Seedless 20.00-21.00 Ribiers 17.00-18.00 CL Thompson Seedless 30.00 Flame Seedless 30.00 16 lb lugs bgd CA Thompson Seedless 22.00 Ruby Seedless 16.50-18.50 16

Year End ANNUAL APPRECIATION SALE

Dec. 26 thru Dec. 31

Details To Follow - Check Dec. 26th Issue

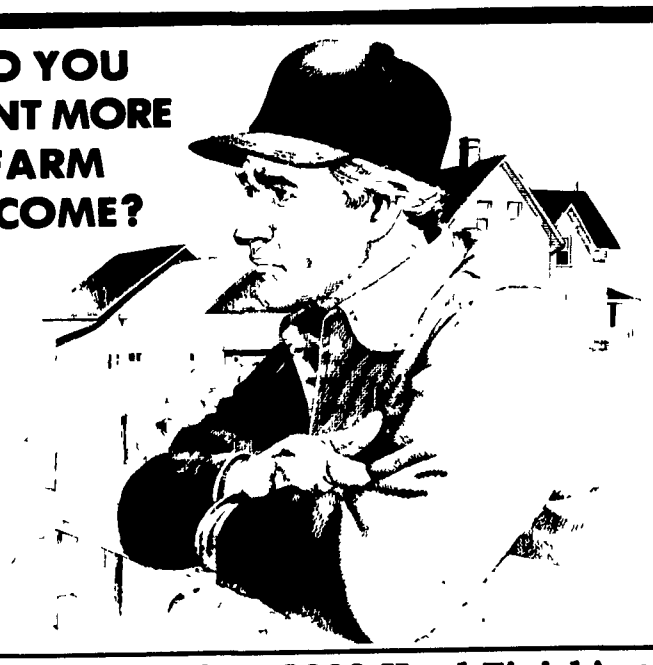
Closed Christmas Day And New Year's Day

PAUL B. ZIMMERMAN, INC.

295 Wood Corner Rd. Lititz, PA 17543

Phone: 717-738-1121

DO YOU WANT MORE FARM INCOME?



Build a New 2000 or 3000 Head Finishing Barn and Contract With Us

WE PROVIDE

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- Our Own Hybrid Feeder Pigs
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- Building Design

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Contracts Available To Start Building This Spring

Call Today: 717-653-8783
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HERSHEY AG

138 Airport Rd
Marietta, PA 17547

EM Esbenshade Mills

Fine Quality Feeds

EVERGREEN TRACTOR CO., INC.

TRACTORS:
IH M w/Side Mtd. Mower Balance Head $1,950
JD 4240 PS, Sound Guard $21,500
AC WD w/2 Row Mtd. Picker $1,500
Oliver 88 Gas, Power Steering $1,550
JD 2240 Utility Diesel $8,950
JD 2940 4WD Cab $12,500

DISCS AND FIELD CULTIVATORS
JD 210 14' Black Gang Disc $3,850
IH 475 20' Hydraulic Wing Disc $4,350
JD 230 27' Wing Fold Disc w/New Blades $7,850
JD BWF 12' Disc $1,850
IH #45 12' Field Cultivator w/Tine Harrow $1,850
JD 18' Field Finisher $1,450
JD BWF 12' Disc $1,450
JD AW 10' Disc $1,150
JD TW 12' Plowing Disc $2,350

ROLLER HARROWS AND CULTIMULCHERS
IH #315 12' Roller Harrow $2,850
Kewanee 20' Flat Fold Roller Harrow $5,950
Brillion 15' Cultimulcher $3,650
JD 970 15' Roller Harrow, New Style $5,950

HAY & FORAGE EQUIPMENT:
JD 1 Row, Row Crop Attachment, Nice $550
JD 5½ ' Pickup Attachment
NH 1010 Bale Wagon $4,350
NH 268 Baler w/Ejector
JD #30 Hydraulic Bale Ejector $1,500
Hesston 1091 Mower Conditioner $2,950
Owatonna 320 Stacker $1,550
JD 1209 Mower Conditioner $2,950
NH 495 12' Haybine $4,850
JD 50 Side Mtd. Mower For 10 And 20 Series. $575
Side Mtd. Hydraulic Drive Highway Mower $1,250
JD 3 Row Row Crop Attch. 30" For Harvester $4,450
NH 770 Harvester With 2 Row Wide Corn Head And Pickup $4,450
IH 430 Baler w/Thrower
JD 337 Baler w/Ejector $7,950
JD 35 Harvester With Pickup Wheel Rake $425
JD 2 Row Wide Row Crop Head
JD 14T Baler $650
Hesston PT 10 Haybine $950

CULTIPACKERS
Brillion 10' w/Big Shaft $950
Brillion 3' Section 28' Packer $2,450
Brillion 12' w/Big Shaft $1,250
Brillion 12' Packer w/Transport $1,850
JD F930 14' Transport Packer $1,850
JD 12' Packer $1,250

USED BOBCATS & ATTACHMENTS:
Bobcat 642 Propane Skid Steer Loader $8,400
Bobcat 610 Skid Steer Loader $2,250
Bobcat 909 Backhoe $5,250
Bobcat 5A Landscape Rake $4,350
Bobcat 2000 Articulate Loader $14,500

ROW CROP CULTIVATORS & ROTARY HOES
JD RM 4 Row 30" Cultivator $1,050
JD RM 4 Row Cultivator $1,050
JD 6R 30" Cultivator $850

Coming In...
NI 244 Spreader
Case 1816 Skid Steer Loader
JD 2700 5B Spring Reset Plow
JD 450 Hydro Push Spreader
JD 1250 4x18" Plow

COMBINES & PICKERS:
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 816 combine, sharp
JD #343 3 Row 30" Corn Head $3,650
JD 653 6 Row 30" Bean Head $2,450
JD 13' Quick Tach Rigid Grain Head $1,850
JD 444 4 Row Wide Corn Head $3,650
JD 213 Rigid Head For Side Hill $2,650
NI 2 Row Wide w/Shelter $1,850
6 Row 1000 PTO Stalk Shredder $2,450
UFT 6 Row Stalk Shredder 1000 PTO $2,450
MF 410 Gas Combine w/Platform And 4 Row Wide, Nice
JD 4400 Dsl. Combine

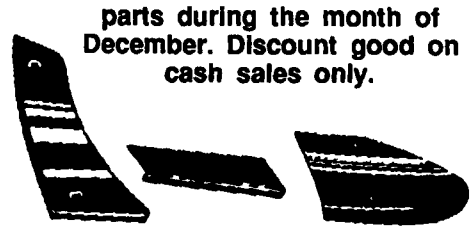
PLOWS-MOLDBOARD AND CHISEL:
JD 7B 2500 Plow $3,950
JD 1450 6-16" Semi-Mtd. Plow $2,250
JD 4-16" F325 Auto Reset Plow $1,250
JD 1B Roll-Over Plow $1,250
IH 9 Tooth Pull Type Chisel $1,850
JD 2700 6B Auto Reset On-Land Plow $7,450
JD 10 Tooth Pull Type Chisel $1,850
JD 3200 6x18" Pull Type Auto Reset Plow $3,950
JD 2500 5x18" Auto Reset Plow $3,950
JD 1710A Mulch Tiller, 13 Shank, Sharp $4,500
JD F125 3x16 Plow $950
Oliver 5 or 6 Bottom Spring Reset Plow $2,950
JD F325 3x16" Auto Reset Plow $950
IH 15' 3 Pt. Chisel $1,650
IH 720 4x16" Auto Reset Plow $2,950
JD 2600 4B Spring Reset Plow $4,250

PLANTERS & GRAIN DRILLS:
JD 7000 Conservation 6 Row Liquid $9,500
JD Model B 14x7 Double Disc Drill $1,450
JD 8300 21x7 DD Drill $3,450
Oliver 13x7 Grain Drill SD w/Grass, Nice $1,150
MF #43 21x7 Plain Grain Drill $1,050
JD 7000 4 Row Wide Row Planter

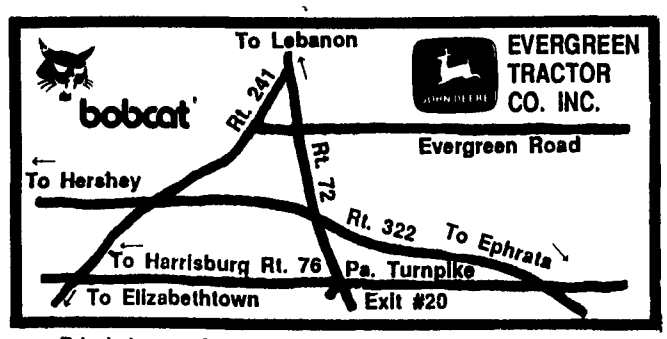
MISCELLANEOUS:
Transcraft 42' Drop Deck Trailer, Air Ride, Nice $8,500
NI 244 Manure Spreader $2,450
Gehl 322 Scavenger Spreader $5,950
JD 40 Manure Spreader w/Tail Gate $1,450

PLOW PARTS SPECIAL

Receive a 10% discount when purchasing $200.00 or more of plow parts during the month of December. Discount good on cash sales only.



Store Hours
PARTS- Mon. Thru Fri.
7:30 A.M. To 4:30 P.M.
Sat. 8:00 A.M. To Noon
SERVICE- Mon. Thru Fri.
8:00 A.M. To 4:30 P.M.



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

lb lugs wrpd CA Thompson Seedless 22.00-23.00 ---KIWIFRUIT: MARKET STEADY flts 1 lyr CA 30s 7.00 33s 6.00-7.00 36s 6.00 39s 6.00-6.50 42s 6.00 ---MANGOES: TOO FEW SALES TO QUOTE ---NECTARINES: OFFERINGS LIGHT ctns 2 lyr trypk CL Mayglo 70 series 15.00 ---PAPAYA: TOO FEW SALES TO QUOTE ---PEACHES: OFFERINGS LIGHT ctns 1 lyr trypk CL BOAT May Crest 29s 6.00 Springcrest 40s 7 00 lugs 2-lyr trypk CL BOAT Florida King 70s 10.00 ---PEARS: MARKET STEADY OR U.S. One D'Anjou 100s 18 50 110s 18.50 120s 18.50 4/5 buctns CA U.S. One Bosc 110s 19.00 120s 17 00 OR U.S. One Bosc 100s 23.00 WA D'Anjou waexfcy 80-90s 23.00 100s 22 00 120s 20.00 U.S. One D'Anjou 90s 22.00 100s 18.50 110s 18.50 120s 18.50 135s few 9.00-20.00 Bosc 100s 23.00 ---PERSIMMONS: MARKET ABOUT STEADY lugs 1 lyr CA Hachiya 23s 9.00 15s 7.00-8.00 21s 6.50-7.50 mostly 7.00 fair cond 5.00 24-25s 6.00-7.00 mostly 6 00 fair cond 5.00 27-28s 8.00 ---PINEAPPLES: ctns HI AIR 6s 12.00 ---PLUMS: OFFERINGS TOO FEW SALES TO QUOTE ---POMEGRANATES: OFFERINGS INSUFFICIENT TO QUOTE ---PRUNES: OFFERINGS NONE

Valley Stockyards

Athens, Pa.
Monday, Dec. 7, 1992
Report supplied by auction

HOLSTEIN HEIFER CALVES TO 177.50.
VEAL CALVES TO 86.00.
VEALER BULL CALVES 117.50-167.50.
SLAUGHTER CALVES MOSTLY 35.00-60.00.
GRASSERS & FEEDERS 52.00-68.00.
LAMBS NEW CROP TO 142.50, OTHERS 40.00-68.00.
SHEEP 21.00-40.00.
HOGS 200-250 LBS. 32.00-35.00.
SOWS TO 34.50.
BOARS TO 26.00.
PIGS TO 13.00.
HEIFERS TO 52.75.
MEDIUM STEERS 59.00-66.00.
FEEDER STEERS TO 66.00.
BULLS 42.00-58.75.
GOOD COWS 46.00-50.00.
COWS MEDIUM 42.00-45.00.
COWS POOR OR SMALL 24.00-41.00.
HORSES TO 570.00.
GOATS TO 92.50.
CATTLE MARKET STEADY; CALF MARKET GOOD; CHRISTMAS LAMBS NEXT WEEK. DAIRY SALE DEC. 17, 1:30 P.M.

Estimated Daily Livestock Slaughter

Under Federal Inspection
Dec. 9, 1992

	CATTLE	CALVES	HOGS	SHEEP
WEDNESDAY (EST)	120,000	5,000	368,000	21,000
WEEK AGO (EST)	120,000	4,000	358,000	20,000
YEAR AGO (ACT)	120,000	6,000	351,000	23,000
WEEK TO DATE (EST)	341,000	15,000	1,061,000	62,000
SAME PD LT WK (EST)	367,000	14,000	1,061,000	61,000
SAME PD LT YR (ACT)	334,000	19,000	1,037,000	66,000

PREVIOUS DAY ESTIMATED TUESDAY STEER AND HEIFER 90,000; COW & BULL 26,000.
***REVISION HOG SLAUGHTER TUES...374,000.
***REVISION CALF SLAUGHTER TUES...5,000.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Dec. 7, 1992
Report Supplied By Auction

427 HEAD. MARKET STEADY.
DRIVING HORSES 515.00-790.00.
RIDING HORSES 490.00-760.00.
WORK HORSES 720.00-1500.00.
REGISTERED HORSES 740.00-1200.00.
KILLERS: LIGHTWEIGHT 485.00-600.00; HEAVYWEIGHT 675.00-775.00, FEW 810.00-875.00; THIN 70.00-405.00.
PONY MARES 115.00-260.00.
PONY COLTS 45.00-120.00.
GELDINGS 115.00-260.00.
LARGER PONIES: 305.00-385.00.

ADADC Approves Marketing Plan

SYRACUSE, N.Y. — The board of directors of the American Dairy Association and Dairy Council, Inc. (ADADC) recently approved the advertising and promotion plan for 1993.

The estimated budget of $11.2 million will fund advertising, educational programs, and specific promotions to encourage the consumption of milk and milk products.

In 1993, advertising will communicate two separate messages: one for milk and one for cheese. The milk message to consumers will be "do something good for your body." It will focus on the psychological satisfaction and physical benefits derived from drinking milk.

Fluid milk commercials will target consumers 25-54, since they represent 48 percent of the total population and 34 percent of the milk volume.

Cheese advertising and promotion will target consumers ages 25-54 with an emphasis on women. The message to consumers will focus on the great taste and versatility of cheese, especially in sandwiches, which is 45 percent of the total usage of cheese. Ninety percent of the cheese purchased at retail level is consumed during mealtime.

Approximately $7.6 million will be targeted for television and radio advertising in ADADC's 10 local media markets, including New York City, Syracuse, Albany/Schenectady/Troy, Wilkes Barre/Scranton, Harrisburg/Lancaster/Lebanon/York, Utica, Binghamton, Elmira, Watertown and Burlington/Plattsburgh.

Supermarket retailers will continue to be key partners in ADADC's marketing program. The consumer promotions department will work with retailers, manufacturers, and dairies to implement improved dairy case management techniques and point of sale activities. Training seminars will continue to be part of ADADC's dairy case space management program.

New this year will be the implementation of retail store level audits in all major ADADC markets to rate stores on their product availability, attractiveness, cleanliness, and space allocation.

The nutrition education department will focus on several key programs that include the placement of school curricula with second and fourth grade teachers, working with selected districts to promote the school breakfast program, and emphasizing calcium's role in health. These programs are geared to influence children and adults to consume dairy products as part of a balanced diet.

ADADC's communications department will work with the news media to promote dairy products through four public relations campaigns and by aggressive action towards dairy misinformation in the popular press. Coordinating and assisting in the state dairy princess programs and providing communications to members will also be coordinated through the department.

"When Our Dairy Was Destroyed, Old Guard Came Through."

"We were devastated when fire destroyed our three-barn dairy complex and most of the livestock. Fortunately, Old Guard responded promptly. In just two weeks we had a check for more than $440,000."

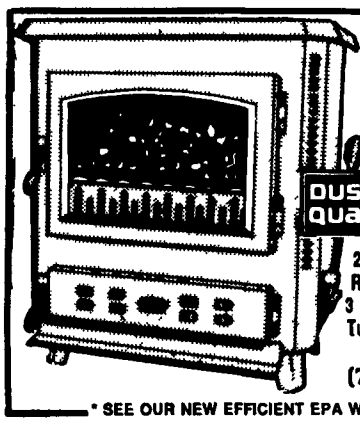
Dairy farmers like Bill Johnson know how important it is to have the protection of Old Guard's prompt, efficient claim service. When you want dairy insurance you can rely on, look to Old Guard. We've been insuring dairy farmers since 1896. Dairy farmers like Bill. Dairy farmers like you.

Call today to find out more about our insurance programs designed to meet the specific needs of dairy farmers.

Old Guard
MUTUAL INSURANCE COMPANY

2929 Lititz Pike, Lancaster, PA • Phone: 1-800-732-0050

Ad based on actual letters received by Old Guard



STRATFORD
State of the art Coal Stoves at
DUSSINGER'S QUALITY STOVES
2533 OLD PHILA. PIKE, Rt. 340, Smoketown, PA
3 Miles East of Lancaster
Tues., Thurs. & Fri. 10-8; Wed. & Sat. 10-5
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* SEE OUR NEW EFFICIENT EPA WOOD STOVES

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Wormleysburg, PA 17043
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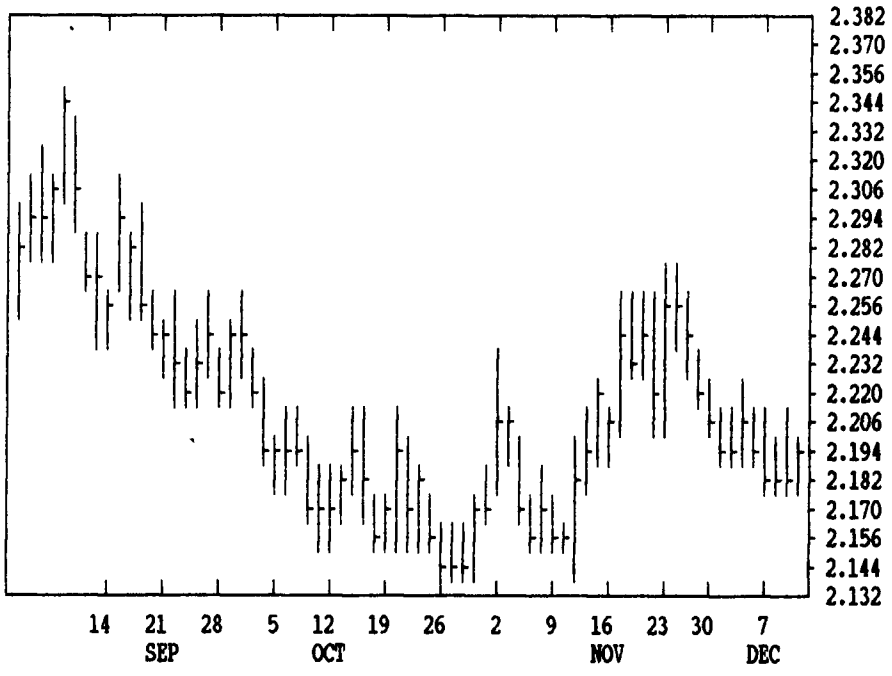
GRAIN, CATTLE AND HOG FUTURES MARKETS

From DTN former satellite daily update. Service phone: (717) 731-1520

(Closing bids: Thursday, Dec. 10)

DTN GRAINS 17 MARCH CORN CONTRACT HIGH: 2.812 LOW: 2.144



DTN FUTURES 12 12/10/92 — TECHNICAL POINTS — SLOW STOCHASTIC

PRICES ARE DECIMAL			MOVING AVERAGES			RSI'S			5 DAY		20 DAY	
CONTRACT		CLOSE	4-DAY	9-DAY	18-DAY	45-DAY	9DAY	14DAY	30DAY	%K	%D	%K	%D
WHEAT	DEC	368.50	369.06	372.53	373.44	362.38	44.3	50.0	54.3	17	13	45	64
WHEAT	MAR	357.00	357.75	361.72	366.50	358.20	35.7	42.6	49.5	20	14	14	34
KCWHT	DEC	356.00	359.87	361.39	361.60	350.52	42.1	48.6	53.3	74	73	68	76
KCWHT	MAR	347.50	348.56	351.94	355.29	348.38	37.0	43.5	49.3	15	13	19	41
MNWHT	DEC	333.75	332.44	337.03	341.24	338.27	38.7	42.5	47.0	18	15	14	31
CORN	DEC	209.50	210.00	210.67	212.83	210.20	39.6	44.3	44.9	19	18	39	45
CORN	MAR	219.75	219.06	219.75	221.90	219.42	45.8	47.5	46.3	29	19	33	40
CORN	MAY	227.50	226.69	227.39	229.53	226.59	46.6	48.2	46.9	34	21	32	38
OATS	DEC	143.50	142.87	142.17	143.12	138.67	58.1	57.2	55.5	74	69	56	58
BEANS	JAN	572.00	564.69	563.22	563.76	555.16	68.0	63.5	56.3	82	58	73	70
BEANS	MAR	576.25	569.00	567.64	568.92	561.14	67.0	62.4	55.4	81	58	65	62
BEANS	MAY	581.25	574.44	572.97	574.56	567.32	66.2	61.6	54.8	82	58	63	60
MEAL	DEC	185.30	182.70	181.01	181.49	181.31	70.1	63.1	53.6	94	84	72	56
BNOIL	DEC	20.67	20.34	20.36	20.41	19.77	60.9	59.8	57.1	66	50	65	66
CATTLE	DEC	77.73	77.28	76.86	76.16	74.82	78.5	73.9	66.8	89	81	93	90
CATTLE	FEB	75.05	74.74	74.30	73.77	72.53	75.9	73.1	67.1	79	74	87	86
FCTL	JAN	85.15	85.00	84.32	83.73	82.41	81.4	75.2	66.4	84	82	93	91
HOGS	DEC	44.33	44.46	44.42	44.53	43.92	50.3	52.4	53.9	53	58	73	73
HOGS	FEB	43.43	43.46	43.36	43.75	43.24	48.9	50.5	52.6	63	59	36	33
PKBLS	FEB	37.20	38.56	38.70	40.50	41.51	27.6	32.5	40.8	21	43	11	9

LIVE CATTLE

	HIGH	LOW	LAST	CHG
DEC	7795	7755	7772*	+22
FEB	7562	7482	7505*	+15
APR	7545	7485	7502*	+7
JUN	7165	7132	7145*	+10
AUG	7005	6972	6990*	+17
OCT	7052	7025	7040*	+20
DEC	7085	7080	7080*	+30
FEB				

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
JAN	8530	8490	8515*	+22
MAR	8360	8310	8345*	+35
APR	8245	8192	8230*	+45
MAY	8140	8085	8125*	+45
AUG	8050	8005	8035*	+40
SEP	7967	7940	7960*	+50
OCT	7950	7925	7940*	+40
NOV	7950	7925	7930*	+30

LIVE HOGS

	HIGH	LOW	LAST	CHG
DEC	4472	4422	4432*	-12
FEB	4385	4332	4342*	-12
APR	4192	4135	4140*	-12
JUN	4630	4585	4592*	0
JLY	4575	4545	4545*	+10
AUG	4442	4420	4420*	0
OCT	4087	4082	4085*	+10
DEC	4285	4285	4285*	+15

SWISS FRANC

DEC	7155	7067	7101*	+4
MAR	7105	7010	7049*	+4
JUN	7045	6997	7012*	+4

EURODOLLAR

DEC	9639	9633	9637*	+2
MAR	9630	9624	9628*	-2
JUN	9587	9578	9583*	-2
SEP	9539	9530	9535*	-3
DEC	9474	9466	9470*	-3
MAR	9452	9445	9449*	-3

PORK BELLIES

FEB	3880	3712	3720*	-105
MAR	3885	3720	3727*	-127
MAY	3995	3860	3860*	-100
JLY	4040	3950	3960*	-70
AUG	3915	3802	3807*	-62
FEB				

BRITISH POUND

DEC	15656	15470	15532*	-136
MAR	15548	15304	15394*	-140
JUN	15340	15260	15286*	-140

S&P 500 INDEX

DEC	43570	43280	43455*	-120
MAR	43620	43330	43510*	-120
JUN	43600	43400	43565*	-130
SEP	43700	43520	43675*	-120

GERMAN MARK

DEC	6385	6285	6323*	-40
MAR	6305	6225	6235*	-41
JUN	6215	6167	6167*	-42
SEP	6212	6119	6119*	-42

JAPANESE YEN

DEC	8105	8055	8083*	+22
MAR	8108	8045	8083*	+22
JUN	8092	8087	8089*	+21

CORN

	HIGH	LOW	LAST	CHG
DEC	2096	2084	2094*	-2
MAR	2200	2184	2196*	+6
MAY	2276	2262	2274*	+6
JLY	2334	2316	2332*	+10
SEP	2382	2362	2380*	+12
DEC	2430	2414	2430*	+14
MAR	2494	2482	2494*	+10
MAY				
JLY				

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
DEC	3712	3682	3684*	-14
MAR	3604	3566	3570*	-22
MAY	3454	3424	3430*	-6
JLY	3224	3204	3210*	0
SEP	3264	3260	3260*	-4
DEC	3370	3370	3370*	-2

K.C. WHEAT

	HIGH	LOW	LAST	CHG
DEC	3620	3560	3560*	-74
MAR	3506	3474	3474*	-26
MAY	3360	3332	3334*	-16
JLY	3212	3190	3194*	-4
SEP			3250*	-4

SOYBEANS

	HIGH	LOW	LAST	CHG
JAN	5726	5662	5720*	+46
MAR	5770	5700	5762*	+52
MAY	5820	5750	5812*	+50
JLY	5880	5804	5874*	+60
AUG	5894	5830	5894*	+54
SEP	5870	5830	5870*	+46
NOV	5940	5876	5932*	+50
JAN	6014	5980	6014*	+62
MAR				
MAY				

OATS

	HIGH	LOW	LAST	CHG
DEC	1440	1432	1434*	+4
MAR	1482	1472	1482*	+4
MAY	1490	1480	1486*	+6
JLY	1490	1490	1490*	+6

MINN WHEAT

	HIGH	LOW	LAST	CHG
DEC	3350	3314	3336*	+24
MAR	3376	3350	3356*	-10
MAY	3390	3362	3364*	-20
JLY	3260	3250	3252*	-6
SEP	3262	3250	3252*	-14

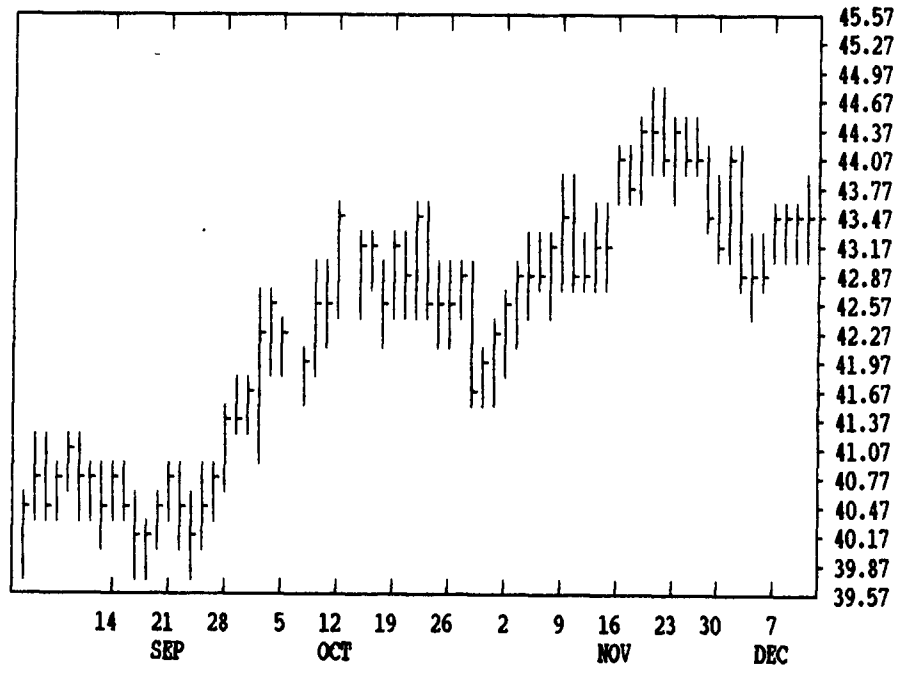
SOYBEAN MEAL

	HIGH	LOW	LAST	CHG
DEC	1857	1838	1853*	+12
JAN	1846	1836	1843*	+6
MAR	1845	1837	1840*	+3
MAY	1845	1839	1842*	0
JLY	1857	1851	1855*	+2
AUG	1865	1859	1861*	+1
SEP	1875	1869	1871*	+1
OCT	1890	1878	1885*	+2

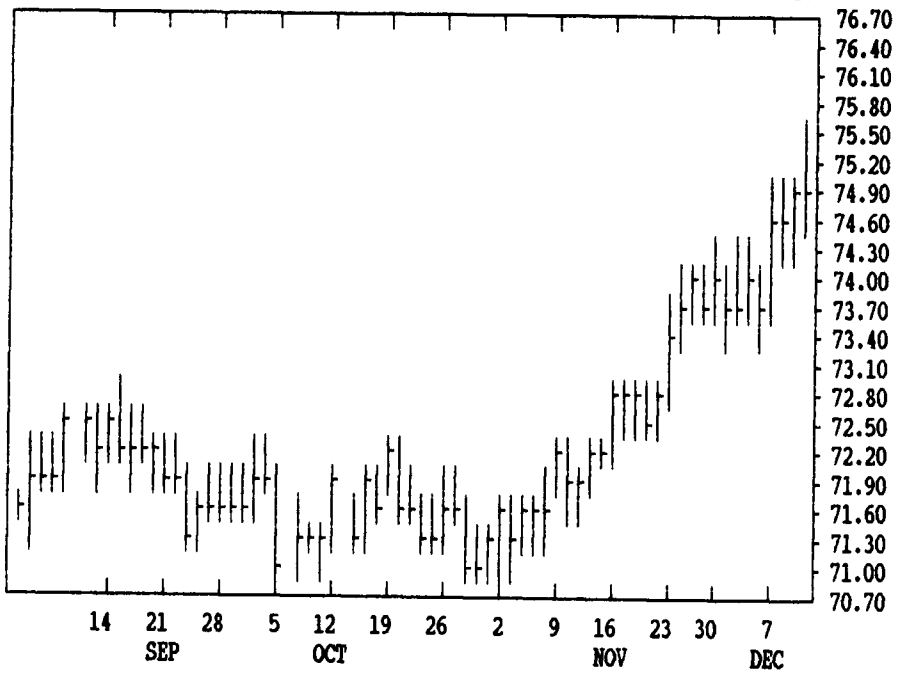
SOYBEAN OIL

	HIGH	LOW	LAST	CHG
DEC	2068	2034	2067*	+23
JAN	2079	2045	2077*	+22
MAR	2095	2064	2094*	+19
MAY	2102	2077	2102*	+13
JLY	2110	2089	2110*	+12
AUG	2105	2090	2105*	+7
SEP	2100	2090	2100*	+5
OCT			2105*	+8

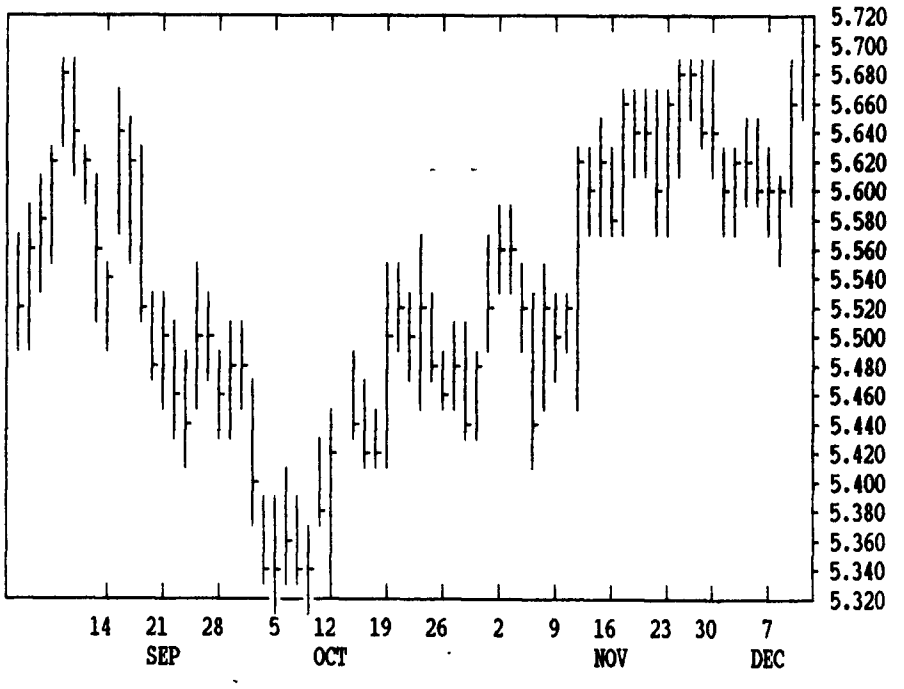
DTN LIVESTOCK 17 FEB LIVE HOGS CONTRACT HIGH: 45.95 LOW: 40.02



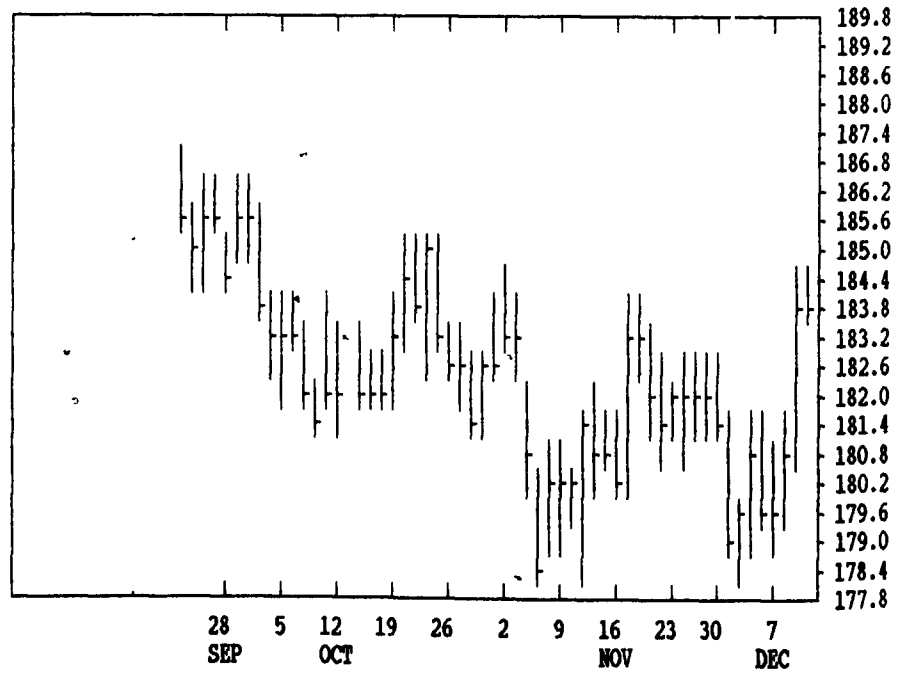
DTN LIVESTOCK 18 FEB LIVE CATTLE CONTRACT HIGH: 75.62 LOW: 68.10



DTN GRAINS 22 JANUARY SOYBEANS CONTRACT HIGH: 6.590 LOW: 5.320



DTN GRAINS 23 MARCH SOYMEAL CONTRACT HIGH: 210.0 LOW: 178.4



FORD NEW HOLLAND QUALITY AG TRACTORS

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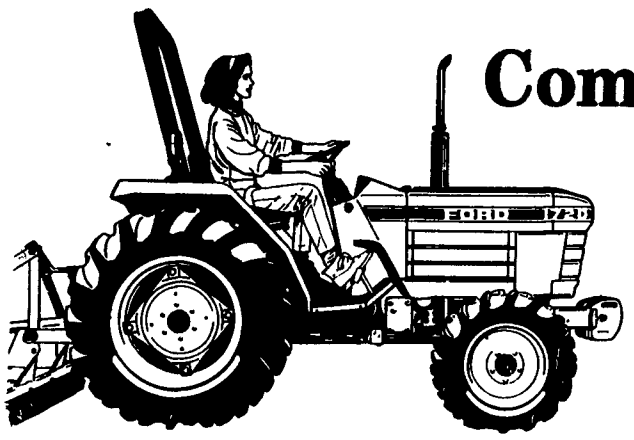

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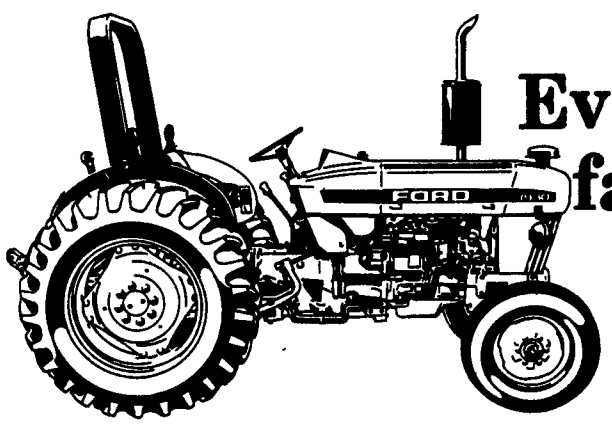

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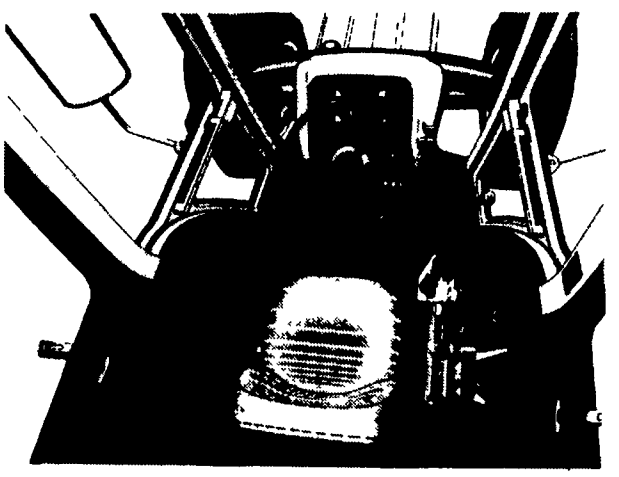

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Proper Well Construction First Step In Water Quality

(Continued from Page A1)

of the liquid went onto the ground.

Eventually, the high density liquid fertilizer had to go somewhere.

With the help of fire department and Haz Mat crews, the spill was contained. Stauffer, a broiler and feeder pig farmer for many years, was worried — could the liquid end up in the farm's groundwater?

"Containing the spill to a small area of the farm was very helpful. But the test well in that vicinity was very high in nitrates . . . up at like 200 parts per million," said Stauffer. (The allowable EPA-established limit is 10 parts per million for drinking water.) Stauffer said the spills never affected the hand-dug house well, which "would have hurt," he said.

And fortunately, the spill didn't leak into the nearby Trout Run Creek, which "would have been a big problem for us," he said.

Right now, working with USGS, about five wellheads are under continual survey, and the water is tested quarterly for nitrates.

Time has passed since the accident, and the contaminated well is near normal, according to Stauffer. Other wells have tested high in coliform bacteria in the past — but since installing an ultraviolet light and monitoring the water, the problems have disappeared.

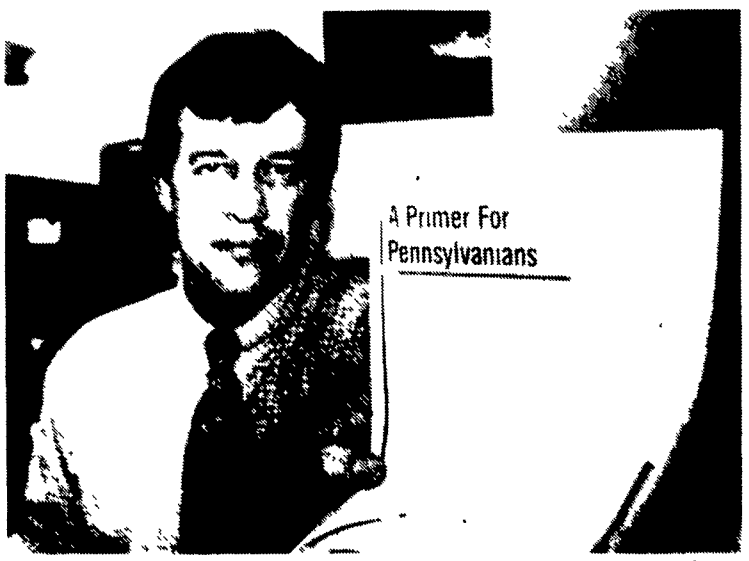
Stauffer believes that farmers must take more time and effort to manage nutrients on the farm, which affects water quality directly. He follows close nutrient management planning to ensure most of his crops obtain only the nutrients they need.

Test well water

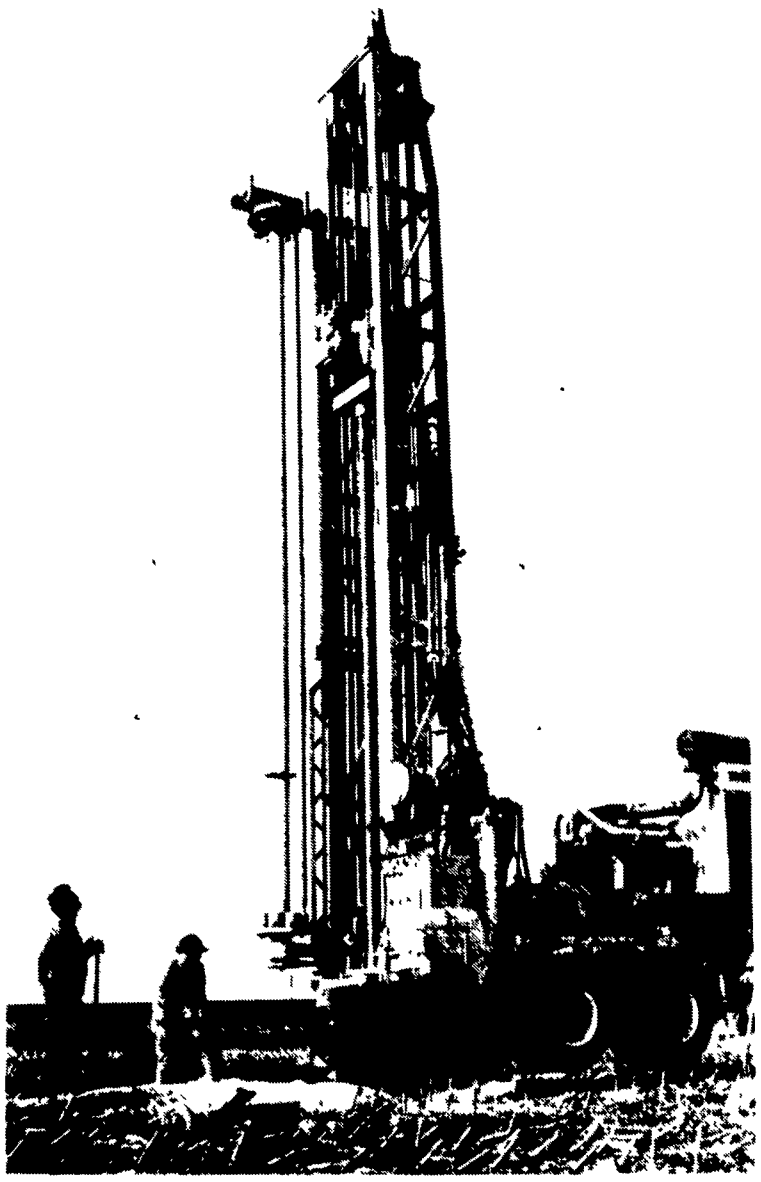
For dairy farmers, having the well water tested is as commonplace as cleaning out the sprayer or filling the silo. Many of the milk inspectors test for high nitrates on the farm, and farmers must comply.

Farmers, to get the milk check,

Troy Myers, Myers Bros. Drilling Contractors, removes weathered rock from the casing location at a site in Ronks.



David D. Bingaman, environmental specialist with the Pennsylvania Department of Agriculture, said farmers should constantly examine what they do near a wellhead site. "Maybe it's a situation (where) you have to abstain from using a certain chemical because it's prone to leaching or you have highly erodible soils," he said.



Rodger Myers, far left, observes the drilling operation at a site in Ronks. This drill penetrates to about 127 feet.

are quick to install filters and employ other methods which are quick-fixes to the problems of nitrates in the well, without solving the real problems — is there surface water contamination? And should they be drilling a new well?

A well is often located near a farm building. David Bingaman, environmental specialist with the Pennsylvania Department of Agriculture, recalled a story of a Cumberland County dairy farmer who located a barn right over the top of a well.

Bingaman said the farmer appeared more concerned about possible pesticide contaminant levels than nitrate levels in the well.

Bingaman said a common problem is site location. "A lot of that is what happens," he said. "And that would carry over to nitrates as well. If you spill liquid nitrogen near your well, you may contaminate your own water.

"And if you spill a little bit in your routine work over a period of years, a similar type of problem may develop."

Bingaman said farmers should constantly examine what they do near a wellhead site. "Maybe it's a situation (where) you have to abstain from using a certain chemical because it's prone to leaching or you have highly erodible soils," he said.

Farmers should take time to examine where the contamination may be occurring. A lot of it, according to Bingaman, may be from "storm events" that carry nitrates into the well. Could the results be from overapplication of commercial fertilizers? Manure? From a manure holding facility? Septic system? Residential housing?

"Certainly the storage areas that are being installed are made with preventative measures to ensure that you're not getting contamination from the storage area," said Bingaman. "Without evidence otherwise, we have to assume that they're working to some degree."

Bingaman said many of the wells in this region of the country are located on limestone-type soils, which are prone to contamination because of "the porous nature of the rock and the ability of things like sinkholes and macropores to allow water to move during storm events from the surface area down into a sinkhole or macropore and enter the groundwater flow systems very rapidly."

A heavy downpour during the swine show at the Ephrata Fair proves an example of a "storm event" that could force heavy amounts of nitrate into wells. Farmers should take time to examine where the contamination may be occurring.

Limestone geology

Leon Ressler, Lancaster County Extension environment specialist, said much of Lancaster County is "limestone geology, which has fractures in the bedrock and is also prone to sinkholes. Sinkholes are a direct conduit of surface water into the groundwater, and we have some shallow outcroppings of rock which are cracked. So when you get shallow percolation through the shallow topsoil to the cracks in the bedrock, that can quickly transport whatever's coming in off the surface to the water supply."

Bingaman said "proper well construction is very important," including properly cased wells with necessary grouting around the surface to ensure that you're not getting surface water flowing down along the edge of the casing and contaminating the well.

But although many wells are old and improperly constructed, for the most part problems go unreported. Many new wells are dug, often to increase supply, as when farmers continue to increase herd size or expand their operations.

But one potential problem at a farm may be well abandonment. "If for whatever reason you no longer use a well," said Ressler, "what you really should do is cut the casing off about six feet below the surface so it's out of your way. Fill the casing with concrete below that point and seal it off (put some concrete around the top) to keep any surface water from following that old casing."

In the case of an improperly constructed old well, simply abandoning it leaves the potential for

(Turn to Page A20)

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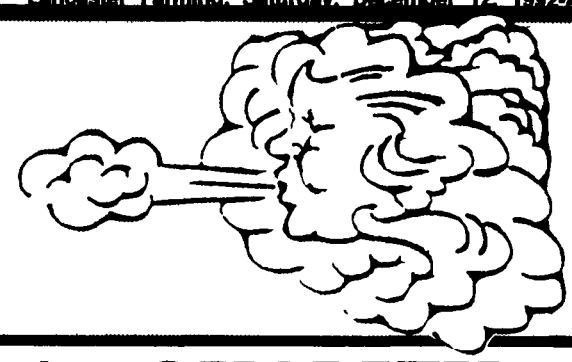

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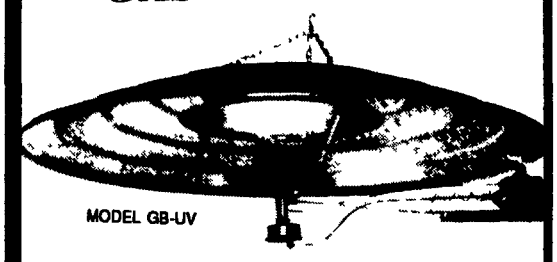

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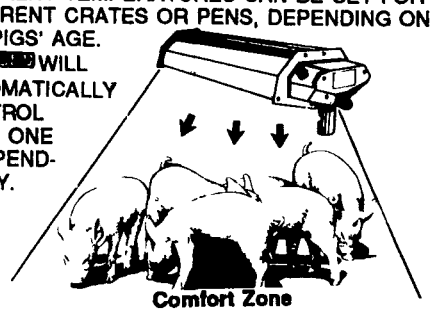

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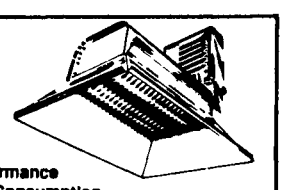

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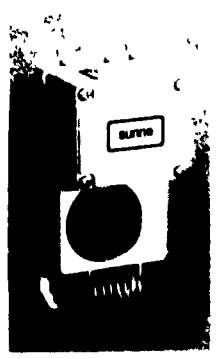

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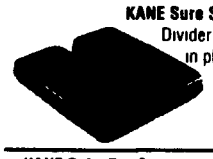

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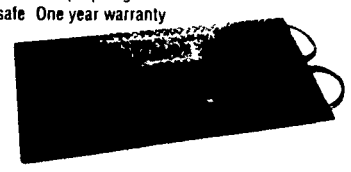

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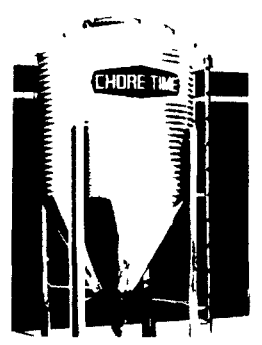

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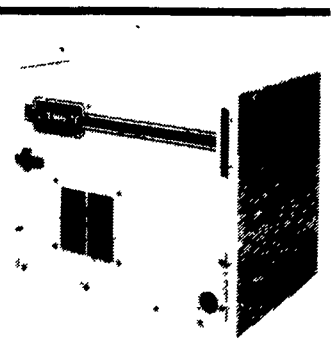

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Proper Well Construction First Step In Water Quality

(Continued from Page A18)

groundwater contamination later on — especially from surface water, according to Ressler. The key is overall management, which begins first with proper construction.

Hear about nitrates

"It seems like whenever you see a story on wells in a newspaper or something, you hear about the contamination and the high nitrates and all the other problems," said Ralph Myers, of Myers Brothers Drilling Contractors, Inc. in Salunga. "Actually, there are still quite a number of hand-dug wells and springs that use water that is very close to the surface. It seems to me that it's the same old story — bad news is more popular than good news."

Myers said there are "tens of thousands" of "perfectly good water wells out there, and even if there are some slight problems with that water, I like to believe that in almost any water well, the quality of the water is going to be better than, say, Susquehanna River water."

Nearly 10 percent of Myers business involves drilling wells for farmers. Even though most of the work involves drilling for commercial wells and private residences, Myers has drilled wells for farmers who have had nitrate problems. But most of the business involves drilling wells for farmers who need an additional, or backup, source of well water. And of those new wells drilled, a commonplace, important test that Myers uses is for nitrates.

"If a farm may have a nitrate problem, we'll test for nitrates and try to dig deeper for better water," Myers said. "Some areas are so honeycombed . . . the bedrock is so honeycombed that even though you can install a lot of casing in the well, you still might have high nitrate levels. But I can point to quite a few now that we've been able to improve the existing nitrate level."

Most of the work, he said, is for additional water. "They're putting in a new hog operation, or they're increasing their dairy herd. It's not enough just to have only one water well on the farm. In a lot of places, they want a backup water well."

Myers warns that nothing about well drilling "is black and white. You can't say this is the way it is. But in general, the little aquifers, the little crevices and cracks that allow water into the well, are smaller the deeper you get down into the bedrock. So until you have enough water for your operation, the wells will average somewhat deeper than they did when people were using the water closer to the surface."

Deepest drilled

Typical wells are drilled to about 150-200 feet, although Myers has drilled to 300 feet, and in some cases 500-600 feet. The deepest they have drilled is to about 1,000 feet.

Myers employs the following procedures when drilling:

- A site is selected. Normally, when possible, the site is isolated from barnyard and herd areas, and is located on hilly, nonfarmed ground. The farmer must take other factors into consideration, such as keeping the site at least 100 feet from a manure storage or pesticide mixing and storage area.
- The drilling rig is placed and leveled at the site. A 9- or 10-inch bit is mounted to the drill and worked into the ground until competent bedrock is found.
- Next, a casing, of polyvinyl chloride (PVC) or steel is centered into the hole to the bedrock. The casing is "plum and centered."
- A 6-inch bit is mounted to the drill and drilling continues. The drill sinks to a level until water is reached. If adequate water is not obtained by 300 feet, Myers asks the customer to talk over his options. Depending on conditions, Myers said they either encourage the customer to dig deeper or move to a new location.
- When a measurable flow is found, air is pumped into the well to lift the water to the surface, where it is collected and run through a pipe. The water flow is checked with a stop watch and a gallon bucket. A water sample can then be taken on site to test for nitrates.
- If the flow is adequate at this point, the well is developed for a period of time to clear all cuttings from the well. If cement grouting is not required, at this time Myers fills the space between the ground and the casing. The drill is then removed and the well is ready for the pump installation.

Throughout the process, the water flow is monitored until both Myers and the customer are satisfied.

"The most important point in the water well is where the casing meets the bedrock," said Myers. "It's important that this area is sealed — that no water can transfer from the surface into the underground area that you want to use for your water supply."

The use of plastic PVC or steel casing depends on the bedrock — steel will "give" a little with the contour of the rock. But in softer formations, PVC may be better because the rock will conform to the shape of the PVC.

Neoprene baffles or packers are available as an extra precaution to more fully seal the casing.

"The most dependable wells are the wells that come in deeper, too," said Myers. "The first wells to suffer in a drought are the springs and the hand-dug wells and the real shallow-drilled wells — they're the people we get calls from."

The drought of 1991 pointed to the need for deeper wells. Many dried up for lack of water, and Myers had a busy year. "We had calls this year from people that had water problems. This is also a good year . . . we have been busy every minute."

Myers and others in the industry emphasize the importance of periodical well water testing to see if the water quality is changing.

"If water quality is deteriorating, it may be more practical to drill a new well," he said.

"It's probably a good idea for someone to have their water sampled and analyzed for basic potability, and it doesn't cost a lot of money," said Myers. "It's probably a good idea to do that at least annually, or semiannually — just get in the habit of doing that. That way you know if your water quality is changing as time goes on."

Time has passed since a anhydrous ammonia spill leached nutrients into this well, according to Clark Stauffer. The levels of nitrates have returned to near normal.

The More Things Change...
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Gazette
THURSDAY, OCTOBER 1, 1992
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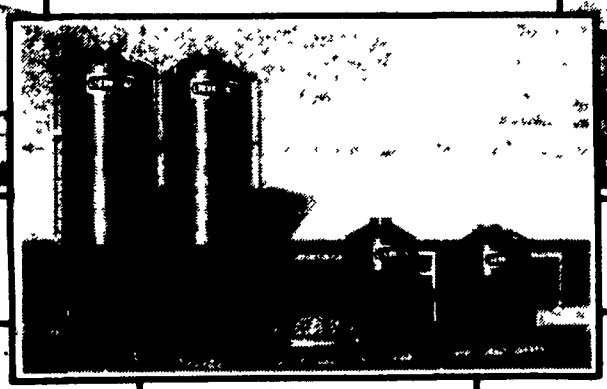

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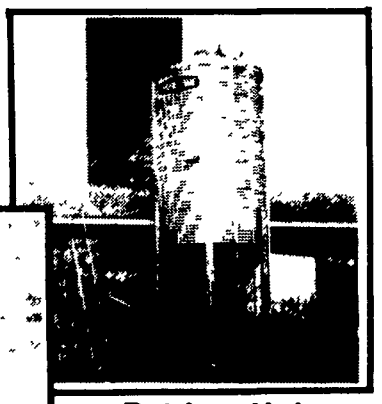

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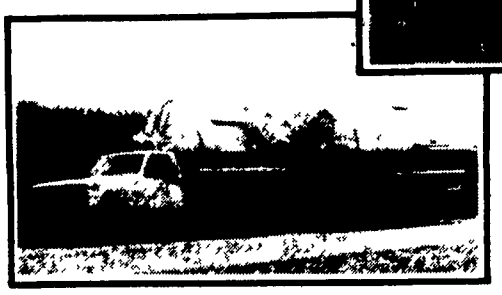

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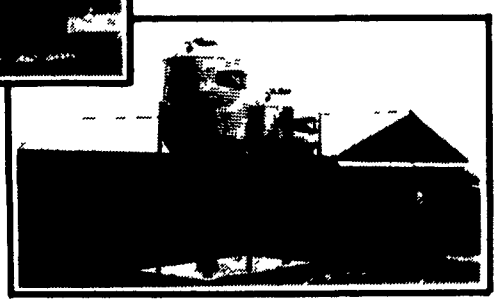

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Corn Classic To Feature Range Of Programs

ST. LOUIS, Mo. — Bits and bytes of computer help, health screening, and estate planning are three of the topics corn growers may learn more about during informal question and answer sessions at the 1993 Corn Classic.

The National Corn Growers Association's (NCGA) 35th anniversary Corn Classic takes place February 21-23 in San Antonio, Texas. More than 2,500 attendees are expected.

"Health Screening" features health tests including hearing, cholesterol, and blood pressure readings. "Pesticide Handling Systems; What's Down the Row?" explores the potential of new technology in a lively "show and tell" format.

"Estate Planning" with Merrill Lynch demystifies the complex decisions needed to protect an estate's future. "Educating Tomorrow's Consumers" uses computer modules to introduce a variety of programs for classrooms. It features Shirley Traxler, USDA director of Ag in the Classroom.

"New News In Corn Utilization" provides an upbeat look at futuristic products to increase the profit potential on the farm. And a "Made in America, Cotton Fashion Show" displays the most popular fashions made of cotton. It is hosted by the national Cotton Council of America's Cotton Queen.

Rounding out the hands-on sessions is "Bits and Bytes of Computer Help," which keys in on ways to upgrade management skills and includes demonstrations of software and on-line services. And "Federal Crop Insurance" delves into program details with a panel of industry experts, including a representative of American Agrisurance and an ag economist from Kansas State University.

In addition to its educational program, Corn Classic features an extensive trade show, entertainers Crystal Gayle and Lionel Cartwright, and the opportunity to help shape the future of the corn industry.

To register for Corn Classic, call NCGA at (314) 275-9915.

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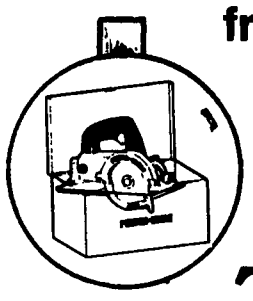

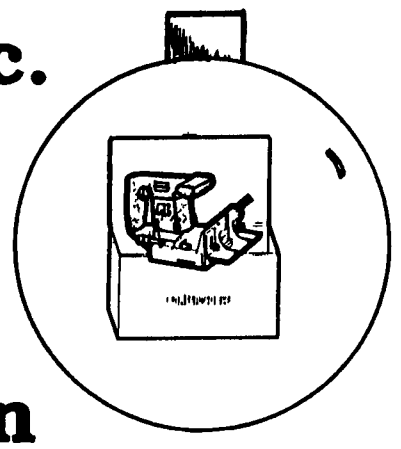

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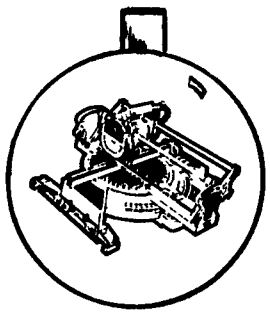

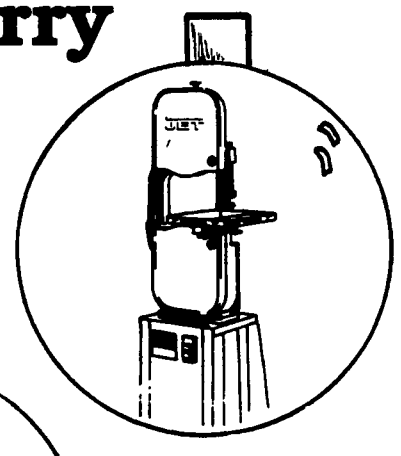

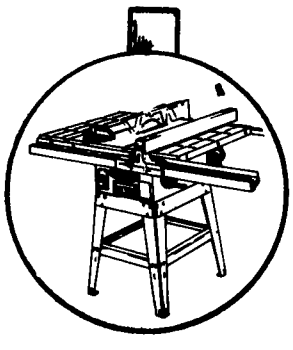

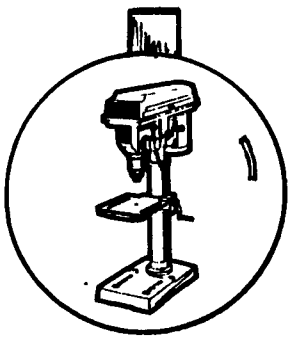

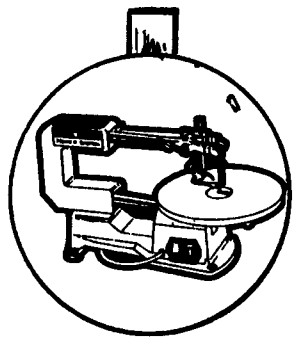

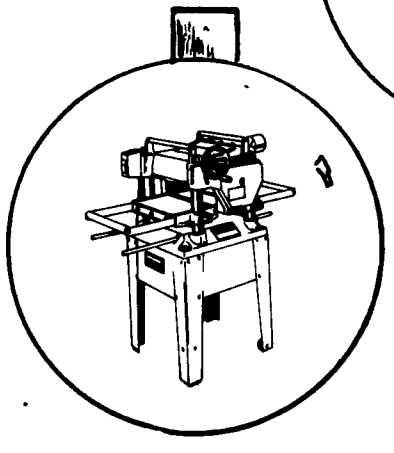

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Forage Conference Announces Awards

TUNKHANNOCK (Wyoming Co.) — R. Wayne Harpster, owner/manager of Evergreen Farms, Inc., near Spruce Creek, in central Pennsylvania is the 1992 recipient of the Pennsylvania Forage and Grassland Council's special award for his many contributions to Pennsylvania's forage and livestock industry and to the Pennsylvania Forage and Grassland Council.

Harpster's new dairy operation, located along Pennsylvania Rt. 45 approximately 20 miles west of State College is one of the largest in Pennsylvania and when fully stocked will accommodate about 1,600 cows.

"It is a collection of the best ideas North American firms and farms had to offer," Harpster said. In preparation for building the new facility, he traveled to every corner of the country to see what was available and what worked best. What he came up with is a multi-million dollar dairy facility which features not only modern technology, but time honored simplicity.

Harpster is also one of Pennsylvania's premier conservation farmers. His first experience with no-till farming was in 1971 in cooperation with Penn State's former no-till specialist, the late William McClellan. Today Harpster farms 1,300 acres, including some 700 acres of corn, 600 acres of alfalfa, and 300 acres of pasture. Since 1976, 100 percent of his row crops and alfalfa have been planted no-till.

A long time grassland enthusiast, in the late 1970s Wayne was named one of Pennsylvania's outstanding grassland farmers. He served on the board and as an officer of PFGC, and for the past several years has hosted the popular PFGC summer picnic held during Ag Progress Days at his cabin along Spruce Creek in Huntingdon County.

Research/Extension Award

This year's research/extension award will be shared by Peter L. LeVan and Richard F. Todd, employed by Penn State University in the Department of Dairy and Animal Science.

LeVan and Todd have conducted many forage utilization studies, primarily through grazing systems research at the Haller Livestock/Forage Farm on Penn State's campus. They have also formulated a total animal forage program which exemplifies efficiency of resource utilization and optimum animal and forage production. The primary animal in the system has been beef cattle; however, many of the systems they assisted in developing and evaluating have direct applicability to grazing dairy animals.

Although their research efforts have been many, they have also dedicated themselves to extending the information they have gained through research. During the past two years they have hosted nearly 1,200 visitors at the Haller Farm for educational meetings and tours of the facilities. The PFGC Pasture Grazing Day in 1991 utilized the Haller Farm and LeVan's expertise. Both have been involved in the supervision and training of students.

Forage/Conservation Farmer Award

Orner Farms, Inc. is a family operated dairy located in Clearfield County. Because of the conservation ethic and concern for water quality, the Orners have taken great care to install and maintain conservation practices on their home farm as well as rented ground.

When renting farms, they obtain leases sufficient in length to warrant installing the conservation practices such as contour strip cropping.

The Orners have closely followed their conservation plans since becoming conservation district cooperators in 1969. Other conservation practices which they use include grassed waterways, diversions, crop rotation, conservation tillage, nitrogen testing, and nutrient management.

Orner Farms, Inc. has set an example of how a large modern-day farming operation can exist on a watershed (within 600 feet of the reservoir), which is a public water supply.

Conservation Award

Joel Myers, state agronomist for Soil Conservation Service, is known throughout Pennsylvania as a strong promoter and supporter of conservational farming practices..

Myers has directed and coordinated the conservation education aspects of Ag Progress Days, including the conservation tours. Recently, under his role as overall coordinator within SCS for forage systems. Myers assisted in incorporating the use of forages into SCS training on nutrient and manure management.

He also provides technical training to SCS, conservation district, consultants and others in the area of conservation planning, resource management, soil erosion, and water quality. However, Myers' real contribution to conservation throughout Pennsylvania has come through his ability to work cooperatively with many other organizations and agencies within the private sector as well as local, state, and federal governments.

Outstanding Pasture Producer Award

• West Region: Herb Guyer (Westmoreland County): Herb Guyer utilizes pasture and rotational grazing as the major forage source for his dairy herd in Westmoreland County farm. Herb rotationally grazes the herd through the approximately 15 paddocks on the 43 acres of native pasture.

The cows are moved about every two days so that fresh forage is available. The native pastures have been limed and are top-dressed with manure or fertilizers to improve legume growth and production. As an indication of his attitude toward conservation, he was named the Westmoreland Conservation Farmer of the year in 1990. Guyer is active in his community and is a member of the American Guernsey Association and the Pennsylvania Farmer Association.

• Central region: John Reed Rodgers (Mifflin County): John Reed Rodgers, Plum Bottom Farm in Mifflin County has been selected as the Outstanding Pasture Producer for central Pennsylvania.

His herd of 42 Ayrshires and 15 Holsteins cows averaged more than 11,000 pounds of milk and 450 pounds of fat per acre during the past year while utilizing pastures as a major component of the dairy ration.

Rodgers has 20 acres of native pasture and 12 acres of improved pasture. He began strip grazing his old bluegrass "hillside" pastures and improving some pastures in 1991.

That is when he realized the value of pastures to his farming operation. Rodgers said it "has been almost unbelievable what the old-old sods will yield."

During 1991, the pH on 12 acres of pasture was limed to 7.1.

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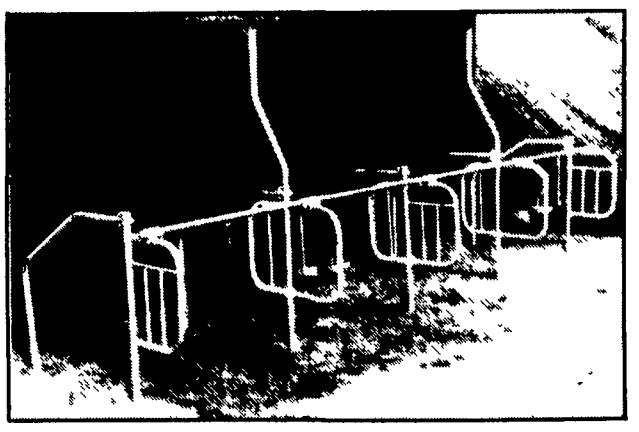
Lapp Comfort Tie Stall



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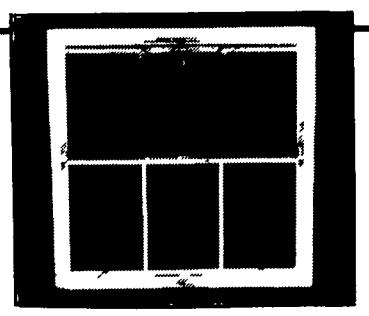

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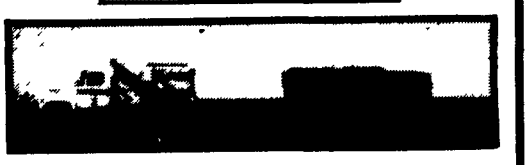

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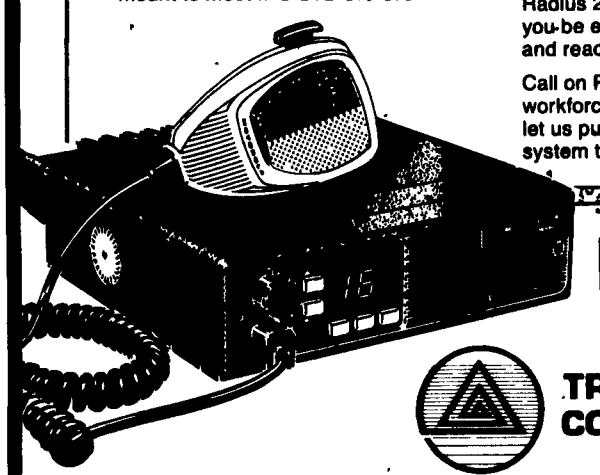

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Forage Conference Awards

(Continued from Page A22)

Then in the spring of 1992, Rodgers overseeded with clovers to increase the amount of legume and thus quality of the pastures.

In addition to the milking herd, Rodgers has 37 replacement animals (three months old or older) which also use pasture for their forage needs.

One of the major goals on Plum Bottom Farm during the next few years is to match the number of paddocks more closely with the animal numbers. Rodgers hopes to accomplish this by converting some "row-crop" land into pasture. Rodgers is also involved in many community organization as well as the PFGC and AFGC.

• Northeast region: Bill Chamberlain (Tioga County): The recipient of the Outstanding Pasture Producer Award for the northeast region of Pennsylvania is Bill Chamberlain of Tioga Co. Chamberlain utilizes pastures extensively as a forage source for his dairy herd of 51 cows with a 18,937 RHA and 30 replacement heifers. The herd is rotationally grazed from late April until October. His pasture consist of 39 acres of improved pasture which serves as the main pasture area and 29 acres of native pasture ground. Chamberlain has been rotationally grazing pasture for the past four years. He has added paddocks from hay fields as well as from the hillsides.

Now finished with his fourth year of grazing, Chamberlain was impressed with how clovers have started to establish in his pastures. In addition, he has been constantly improving his system with new fencing materials and a water system.

A few years ago, he was concerned with producing more hay so that he could increase his herd. Now that he has been grazing, he has his barns full and is considering doubling the herd size, all of this without increasing acreage.

Chamberlain has also been a willing communicator regarding pastures by holding pasture meetings on his farm and working with others interested in benefits of grazing.

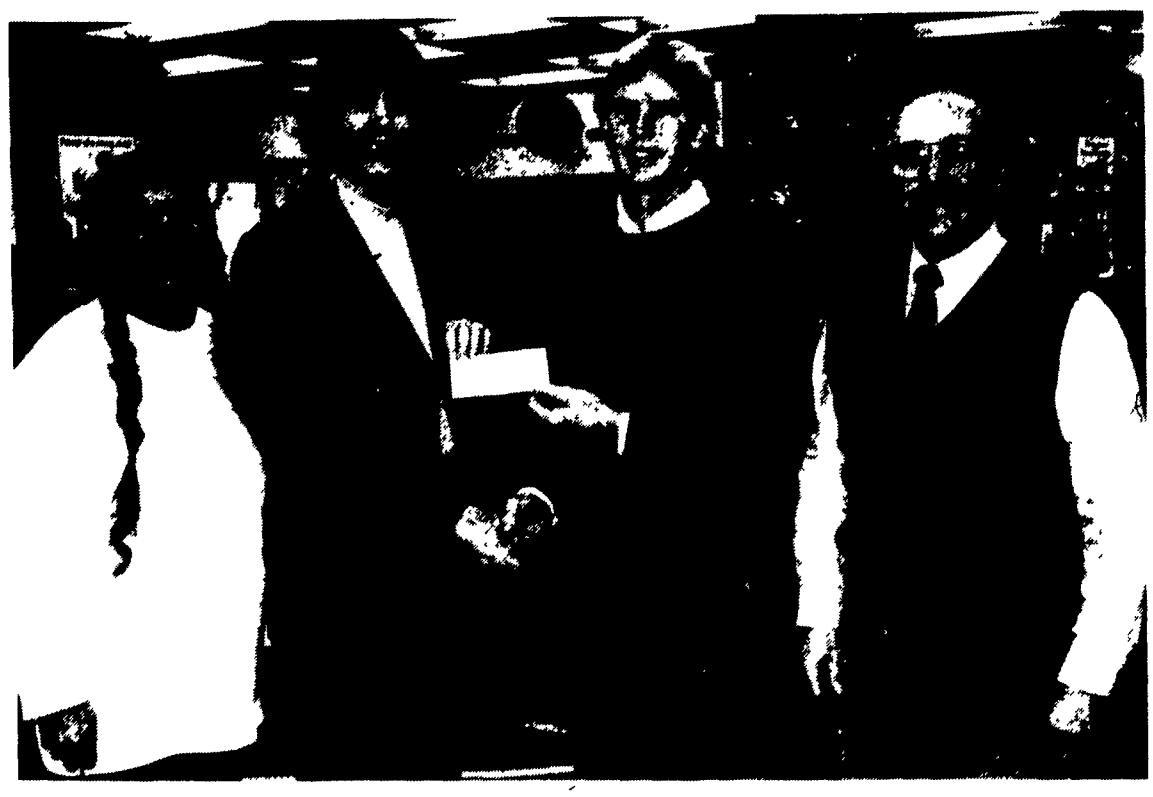
• Capital region: Melvin Marks (York County): Melvin Marks implemented a rotational grazing system on his 46-cow dairy farm in York County only recently. However, he didn't enter into it blindly. Marks attended seminars and did a lot of reading before he made his final plans.

He and his wife, Barb, committed 29 acres to pasture and seeded it to birdsfoot trefoil, ladino clover, and perennial ryegrass. While this area was being established, they grazed established alfalfa-orchardgrass hay fields.

He plans to continue installing a water system so that water will be available in each paddock. Although the system is relatively new and still being scrutinized by others in the area, Marks has not seen a drop in milk production. In fact, his herd average has steadily increased since beginning to rotationally pasture.

While more work is to be done and some changes are needed, the system has surpassed his expectations by far.

Ephrata Young Farmers Support Library



EPHRATA (Lancaster Co.) — An early Christmas present came in the form of a $1,000 check presented in support of the to-be-constructed Ephrata Public Library by the Ephrata Area Young and Adult Farmers Association (EAYFA) on Thursday.

Presenting the check is Nevin Horning, president of EAYFA, second from right, to Jennifer Raimo, library director. In picture from left, Nancy Barshinger, president of the library board of directors; Raimo; Horning; and Charles Ackley, EAYFA advisor and ag teacher.

"The Ephrata Area School District adult farmer group recognizes the growth of the area and the need for a new library facility," said Ackley. "Their contribution adds significantly toward the goal of $1.5 million toward the construction of the new library on South Reading Road."

Ackley said the EAYFA "is very interested in supporting community service activities and agricultural education." The group raises money for these projects by operating a food stand in Tent City during the Ephrata Fair.

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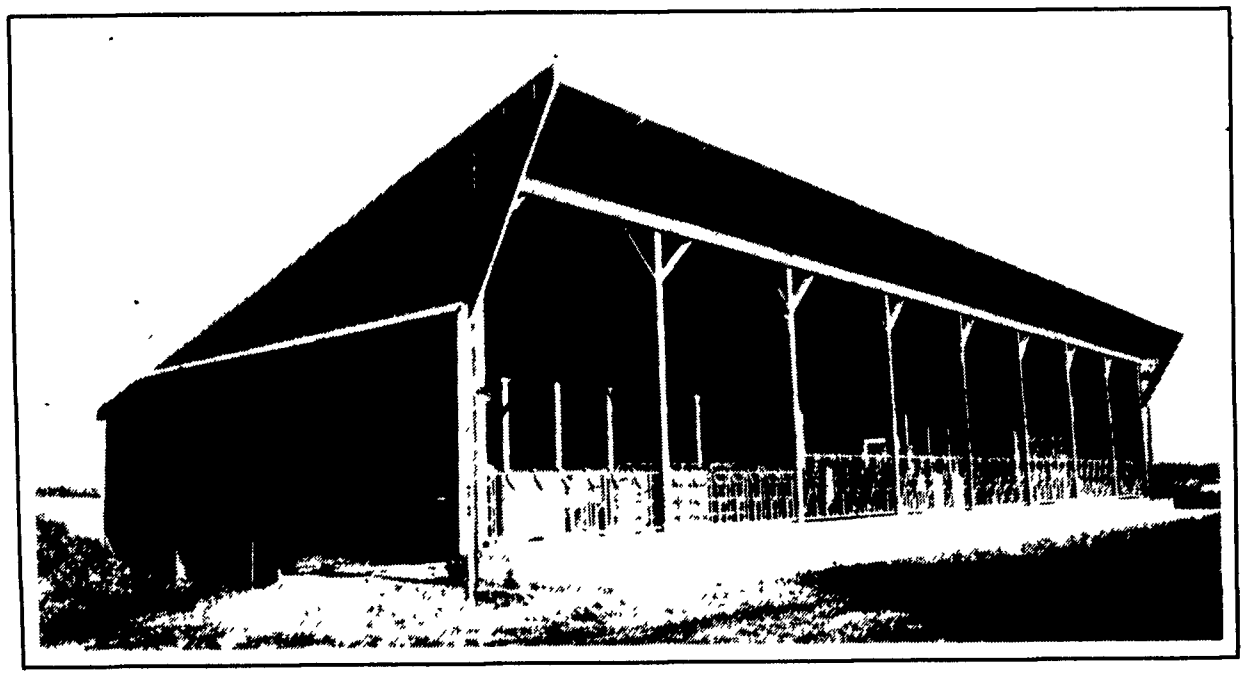

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Wrights Receive Guernsey Award

(Continued from Page A1)

sion. Lyle, however, has a more modest answer.

"We just try to do what our feed people tell us to do. We have the feed company do our feed program for us. That's part of it. And we just try to balance their rations."

Laureen, who oversees the herd's milk production, determines how much feed each cow gets. "One thing that has helped is we bought a meter to measure how many pounds the cows are milking. This provides a better, overall accuracy than simply relying on the milk tester who comes once a month."

The Wrights feed their herd corn silage which Lyle distributes from a feed cart prior to milking. "It saves a lot of work," he said, commenting on the cart's efficiency.

The herd also gets feed pellets eight times a day. The pellets are distributed automatically by a magnetic feed car that runs on a rail around the perimeter of the stalls. Laureen sets the magnetic codes in front of each cow to determine how many pellets that cow gets.

"We used to feed high moisture corn," said Laureen, "but the crop hasn't been that great in the last two years, so we switched to pellets."

In their latest DHIA report, the Wrights' herd average was 15,663 pounds, with 546 in protein, and 716 in fat for 46.7 cows. In 305 days, their top three cows were Brenda, with an average of 20,480 pounds, 696 in protein, and 890 in fat; Pixie, with a 19,324 average, 654 in protein, and 888 in fat; and Brandy, with a 17,542 average, 626 in protein, and 851 in fat.

Laureen also keeps a close watch on somatic cell count and plate count. The lower these counts, the higher their milk premiums are with Eastern Milk Producers in Waverly, N.Y. The incentive has worked to make the Wrights a Gold Seal winner and recipient of the Eastern Milk Producers Quality Award.

The Wrights have a milking herd of 61, 50 of which are Guernseys, with Holsteins making up the rest. The total Guernsey population at Way View Farm is 90 head (including dry cows and young stock).

Lyle oversees the breeding and dispensing of medicine when needed.

Their cows' comfort is a priority to the Wrights. The recently remodeled barn has 61 stalls. Eliminating 11 stalls in the process, Lyle said of the new stalls, "We made them all bigger, longer. It's more comfortable for the cows and easier to handle."

Another example of Lyle's concern for their animals' comfort is evident in the homemade wrappings around the legs on various cows. The wrapping consists of a piece of carpet as a padded bandage adhered to the legs of cows with injured hocks.

"We've had great success with this type of bandage," said Lyle. "The trick is to first cut up your wife's rug." His chuckles faded as he pointed to a bandaged cow and on a more serious note added, "it saved her life." He further explained that her injury had been so severe that the padded bandage not only helped prevent further damage to the leg and enabled it to heal, but also helped ease pain and stress on the leg. Without it, Lyle was certain, she would have died.

When their morning chores are completed and the Wrights leave the barn, they have a hired man come in to watch over the herd throughout the day during the winter. In the summer months, when the cows are pastured, he helps Lyle and Laureen with field work.

On the 370 acre farm, the Wrights plant about 70 acres in corn, and have about 100 acres in hay, of which 15 acres are reseeded annually. Corn silage is stored in two silos measuring 18'x60' and 14'x60'. Haylage is stored in an 18'x50' silo and 6-8,000 square bales go into the barn.

When they're not working on the farm, the Wrights are active in their community church. Laureen is the organist and Lyle is chairman of the East Canton United Methodist Church Building Project. The church is in the process of doubling the size of its sanctuary and making the Sunday school room and fellowship room larger.

"We're planning a work camp," said Lyle. "You know how the Mennonites get together to build things...we're planning on doing that this coming summer."

"It'll be for a three-week period," added Laureen. "We went on a work camp this last summer...between Jersey Shore and Williamsport."

"We went down there to work on one so we would know what to expect," said Lyle.

Their excitement in seeing the project through to its completion is immediately understandable to anyone standing on the Wrights' front porch. The picturesque scenery offered beyond the span of valley to the hill on the other side includes the church in question. To them, taking part in changing the looks of this quaint country church must be akin to raising one of their offspring, watching it grow into an adult.

Their other interests lie, of course, with their children. Lyle and Laureen are the parents of two girls, Michelle, a recent graduate of Mansfield University, and Sharla, a sophomore at Clarion University, and a son, Darrin, a junior in high school.

Lyle explained, "The kids have all played Little League and we followed them through softball, volleyball, football, basketball..."

Laureen added, "It was more

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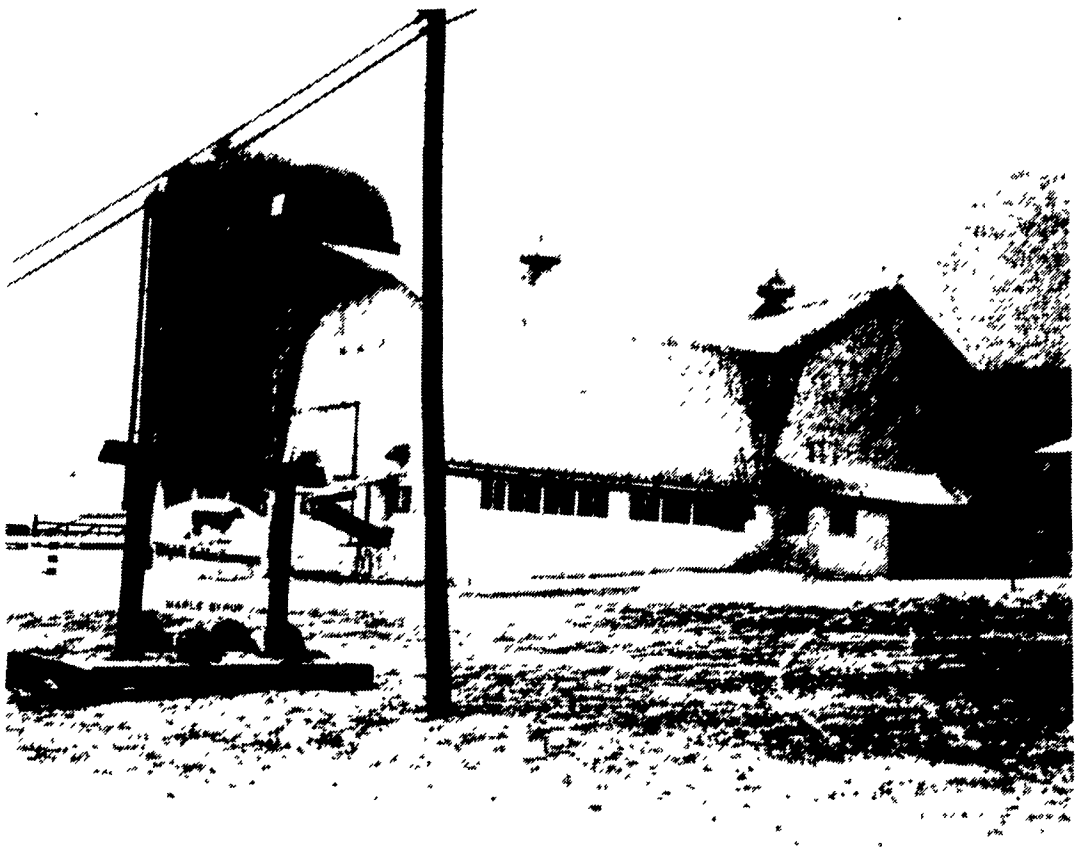
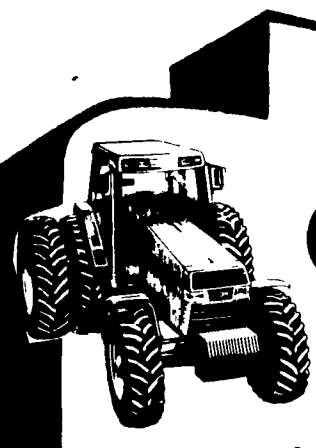


Way View Farm welcome sign extends a friendly greeting to all who visit.

Dairy Farmers Force Historic Referendum

BARABOU, WI. — Organizers of the Dump the National Dairy Board Campaign tallied 15,000 signatures on petitions from 45 states calling on the U.S. Secretary of Agriculture to hold a referendum on the continuation of the national check-off. This is 500 above the 14,500 needed to legally force a referendum vote (10% of all U.S. milk producers), with more signatures still coming in. On Dec. 10 farmers from seven states will carry the petitions to Washington, D.C., for a meeting with United States Department of Agriculture (USDA) officials. After verifying the signatures a referendum will be called, probably in early Spring.

The 15,000 petitions conclude a year-long effort begun in Wisconsin and spread nationwide through a coalition of independent producers and grassroots farm organizations.



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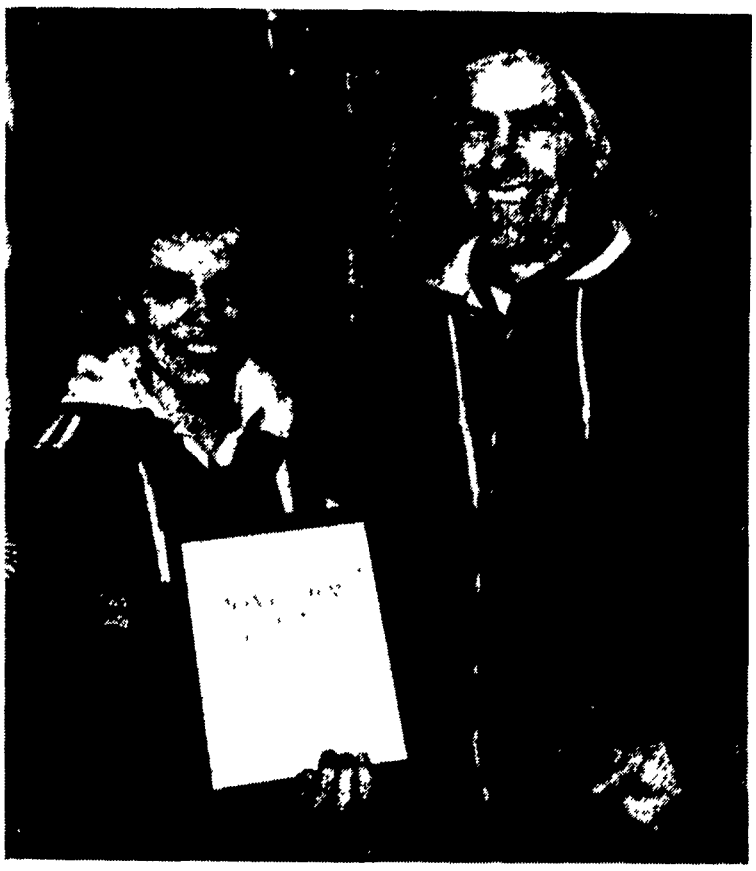
Wrights Receive Award



Laureen and Lyle are shown with their DHIA Herd Management Award.

(Continued from Page A24)

fun getting through chores that way so we could go watch them play."

Their children are the fourth generation to have lived at Way View Farm. While the girls have chosen to pursue other vocations, Darrin has yet to decide which direction to take.

"Right now, he's not planning (to make the farm his life)," said Lyle. "He's only 16. He sees us tied down, that farming can be a burden. When you have cows, it's a 24 hour-a-day surveillance job. He's got a big choice to make."

As with any job, the positive and negative aspects are on a personal level. For Lyle, the best part of farming is the independence. For Laureen, it's working with the animals.

Whether their son chooses to follow in their footsteps or not will be a decision the Wrights will respect. After all, their philosophy on farming is the same as on life: plan early, and take each day as it comes.

Dairy Business Analyses Suggest Guidelines For Boosting Profitability

UNIVERSITY PARK (Centre Co.) — The results of two annual surveys of Pennsylvania dairy farms suggest guidelines for farmers who wish to improve their efficiency and profitability, said a dairy economics specialist in Penn State's College of Agricultural Sciences.

In 1990 and 1991 Pennsylvania Dairy Farm Analyses reveal that low milk prices and drought have affected farm income significantly. Average net farm income for the 1991 sample farms dropped more than 50 percent from 1990, falling to $15,013. Net cash income on those farms was $24,315.

"Like other business people, milk producers need to set goals and objectives in managing their operations," said Dr. Stephen Ford, assistant professor of agricultural economics, who conducted the analyses. "These surveys offer some hints about what helps certain farms excel."

The 1,060 farms surveyed had an average of 69 cows, each producing 16,088 pounds of milk. Over 91 percent of these farms' gross income came from milk and dairy livestock sales.

The cash cost of producing milk on these farms averaged $10.32 per cwt. "But when costs were adjusted for inventory changes and depreciation, the cost of producing milk rose to $12.15 per cwt," Ford said. "This leaves only $0.77 per cwt to pay the farm's owner, other family members, and cost of equity in the business."

To get a better understanding of what made some farms more profitable than others, Ford took a closer look at some of the more successful operations in the sample. "Because successful operations often make good models for other farms, the performance measures of these farms can serve as guidelines or targets," Ford said.

Ford selected a group of 119 top farms from the 1,060 farms in the analyses. "Based on net farm income, these farms were in the top 25 percent of farms in both the 1990 and 1991 analyses," he said.

These farms averaged 102 milking cows and sold an averaged of 17,901 pounds per cow. "Net farm income for the leading farms averaged over $65,000 in 1991, compared to the overall average of about $15,000," Ford said.

The analysis indicates that the leading farms utilized labor more efficiently than average, with 38 cows per worker and 683,015 pounds of milk sold per worker. "The average for all farms was 32 cows per worker and 514,708 pounds of milk sold per worker," he said.

The top farms also had better debt figures than overall average. "For the top group, total debt was only 19 percent of the market value of assets," Ford said. "The overall average was 27 percent."

These farms also saved money on feeding costs. "Purchased feed costs for the top farms were $3.01 per cwt of milk," Ford said. "That's $0.58 lower than the average for all farms in the sample."

The farms in the top group were efficient enough to reduce the cost of producing milk. "The average cost of producing milk for the top group was $10.30 per cwt in 1991, $1.97 less than the average," he said. "This cost reflects all costs associated with milk, adjusted for inventory changes, except the values of unpaid owner and family labor, management, and equity."

Using 1991's average milk price of $13.20 per cwt, these top farms had $2.90 per cwt of milk to cover their unpaid costs of labor, management, and equity. "Improving the management of labor, debt, and purchased equity appears to have a positive effect on farm profitability," he said.

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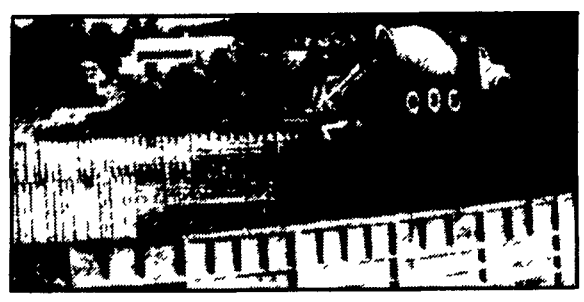
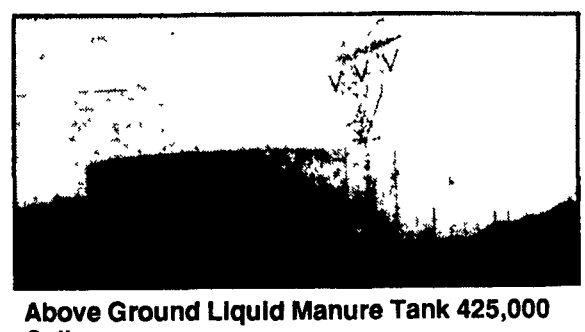
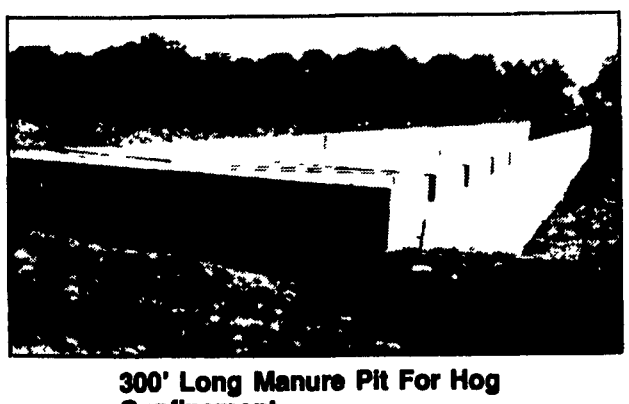


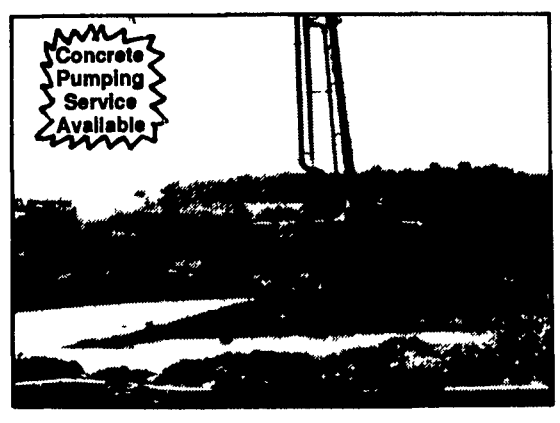
Construction Of Partially In-Ground Liquid Manure Tank - 400,000 Gallons



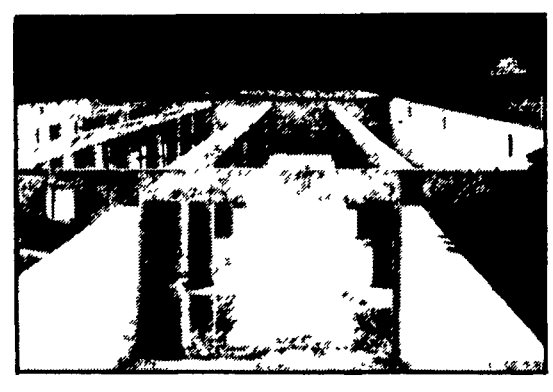
Above Ground Liquid Manure Tank 425,000 Gallons



300' Long Manure Pit For Hog Confinement



92' Boom Placing Concrete



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Skylilne Daughter Tops Pot O'Gold Sale

DeFOREST, Wis. — Sky Fiddle, a daughter of 29 J2877 Sky Line, recently topped the 1992 Pot O'Gold Jersey sale, selling for $3500.

Fiddle was consigned by Cedarcrest Farms of Faunsdale, Ala., and purchased by Jason Fremstad of Westby, Wis.

Sky Fiddle is an October 1991 daughter of 29 J2877 Rocky Hill Sky Line, transmitting more than 2,000 PTA of milk following the July 1992 USDA sire summary.

Fiddle's dam is Duncan Fiddle-ET, a Very Good-87 % daughter of Highland Magic Duncan. Duncan Fiddle-ET holds milk records of more than 18,000 lbs., 879f, and 649p in 305 days, and ranks 135th on the July 1992 Jersey Production-Type Index (PTI) list.

The Pot O'Gold sale is held annually in Louisville, Ky., in conjunction with the North American International Livestock Exposition and All American Jersey show. This futurity sale and show is designed to educate American Jersey Cattle Club junior members on the principles of development, breeding, and production testing of registered Jerseys.

The animals selling can only be purchased by juniors residing in the United States or Canada, with 17 percent of the gross being set aside in a Pot O'Gold fund. Three years later, following the completion of each heifer's first lactation, the animals are ranked based on age adjusted, official production records for mature equivalent (ME) pounds of protein. Depending on the animal's ranking, the junior owners receive a percentage of the fund. For example, the first place owner of the highest producing 2-year-old will receive 28 percent of that fund.

"This heifer had a really good pedigree," said Jason Fremstad, as he explained the reason behind his selected purchase. "There was just a lot of protein built in."

Fiddle's sire, 29 J2877 Sky Line, has become a popular sire of choice in sale rings around the world. "Sky Line's ability to transmit extreme protein and milk yield have made him a very popular sire around the world," said Dave Thorbahn, ABS manager of dairy sire selection.

"Following the July 1992 sire summary, ABS is positioned with the best Jersey sire lineup available," said Thorbahn. "With the best sons of Duncan, Yankee, Top Brass, and Royal, and four of the five bulls in the breed over +2000 pounds PTA milk, ABS is the reliably ahead source of Jersey genetics."

Keystone Farm Credit Moves To Lancaster

LANCASTER (Lancaster Co.) — Philip W. Kimmel, president and CEO of Keystone Farm Credit, ACA recently announced the relocation of Keystone's corporate headquarters from Shoemakersville (Berks Co.) to Lancaster. The move was completed December 1.

By centralizing the management team, communications within the organization will be more effective. Management and adminstrative staff, currently in four locations, will now be housed in a building owned by Keystone Farm Credit.

"The cost effectiveness of this centralization coupled with its practically and improved efficiency will definitely benefit our membership," Kimmel said.

The loan officers and support staff located in nine branch offices throughout Keystone's territory will be affected by this relocation. The membership will continue to be served by the same staff.

The departments being brought together in the Lancaster location will be the president and his staff, and the credit, finance human resources, and marketing staffs

For more information, contact Keystone Farm Credit, ACA, P.O. Box 7327, 411 W. Roseville Road, Lancaster, PA 17604, (717) 291-1999.

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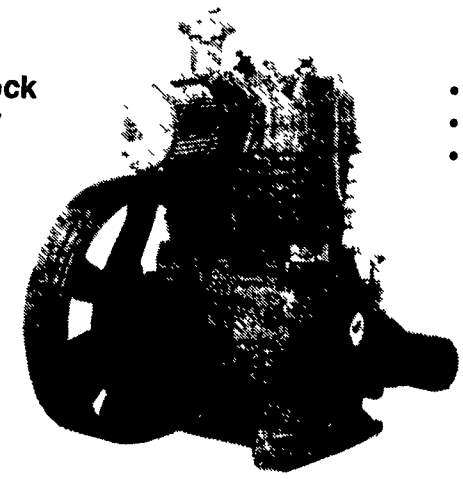

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Review Herd Goals At Year-End

KANSAS CITY, Mo. — Fences are mended, machinery has been put away for the winter, a good supply of feed is in the barn, and the cow herd is doing fine. It's winter and the perfect time to review long-term herd improvements, goals, and progress you've made during the past year.

There are a number of items you can review or, if you never have put your breeding plans on paper, now's the perfect time to complete short- and long-term plans.

Dr. John Hough, director of education and research for the American Polled Hereford Association said there are many sources to help you plan herd needs, genetic improvements, pasture management, and other facets of day-to-day operations.

"If you run a cow-calf operation, your county extension office will have an extensive amount of material on setting herd goals," Hough said. "In addition, state livestock associations and breed associations are willing to provide information and guidance."

Hough says one of the first items on your list should be breeding stock. If the offspring your cows are producting fits your goals and earns you a fair profit, you should consider similar stock for replacement. However, if you're not satisfied, it should be one of the first points of reevaluation.

"Good, solid breeding stock is the foundation for any herd, whether it be commercial or purebred," Hough said, "You can easily justify spending a lot of time and effort selecting bulls. Among other things, you should select for soundness, temperament, calving ease, optimum growth, and optimum returns on dollars and time invested."

Another important factor to examine is the quality of your pasture or rangeland. The grass produced must be of adequate quantity *and* quality to supply nutrient requirements with a minimal amount of supplementation. Soil tests will aid fertilizer application planning.

"Nutrient requirement will vary by age and condition of each animal, but the more of it you can produce and use with supplements will increase your overall profitability," Hough said.

Next, review the quality and type of working facilities you have. Are there low-cost easy-to-make improvements that could be added? For example, this may be the perfect time to replace your loading chute or simply replace a few rails. Also, do your corrals need repair? If so, compare the cost of replacement to repair. With some of the new construction materials available today, it may be more cost-effective in the long run to rebuild the corral.

"Should you decide to rebuild, be sure to use the latest plans available from extension offices and agricultural firms," Hough said. "Many of the newer designs incorporate techniques that make working easier on you as well as the animal."

Hough said that your pasture, range, equipment, and facilities plans should be approached much like your breeding program — with long-term goals in mind. Once long-term goals are established, you can develop short-term goals and plans to reach them.

Lackawanna DHIA Members Honored

SCRANTON (Lackawanna Co.) — Lackawanna County DHIA honored members with awards at their annual meeting. Left to right are Doug Johnson, Amasa Hill Farm, high cow in fat, high lifetime record in milk and fat, and purple merit award for herd management; Mark Darling, high herd in milk and fat, high cow and 2-year-old in milk, and high 2-year-old in fat; John Fron, blue merit award in herd management; and Clarence Randal of Manning Farm, red merit award in herd management.

Farm Calendar

(Continued from Page A10)

Monday, January 4

Water Rights, Water Law, and Irrigation Management meeting, Lancaster Farm and Home Center, 8:30 a.m.-1 p.m.

Tuesday, January 5

Northwestern Pa. Forage Schools, Log Cabin Restaurant, Waterford, thru Jan. 6.

Wednesday, January 6

Farm/Municipal Composting Field Days, Preston Boop's Briar Patch Farm, Mifflinburg, 10 a.m.-2:30 p.m.

Dairy MAP-Managing For Success, Family Time Restaurant, York, 10 a.m.-3 p.m., repeats Jan. 20.

Thursday, January 7

Regional tomato growers meeting, Thompson's Dairy Bar, Lackawanna County, 9:30 a.m.-3:30 p.m.

Farm Financial Management Workshop, Mahantongo Fire Company Hall, Pitman, 7 p.m.-9 p.m.

Friday, January 8

Saturday, January 9

Pa. State Farm Show, Harrisburg, thru January 14.

Leader's Conference, Linganore United Methodist Church, 10 a.m.-3 p.m.

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CRAWFORD COUNTY DHIA

ROLLING HERD AVERAGES, NOVEMBER 7, 1992

Herd Name	Breed	No. Cows	Lbs. Milk	Lbs. Fat	Lbs. Protein
Wil-Aire Farm, #2, Saegertown	RH	63.8	25,089	822	783
Black Pond Farms, #2, Saegertown	RH	91.8	23,814	950	744
Linz Farms, #1, Springboro	RH	39.8	23,861	931	732
Morrell Farms, #3, Cochranton	RH	99.5	22,733	878	730
*Elaine A. Duncan, #6, Meadville	R&GH	34.3	22,321	768	708
*David M. Naugle, #2, Centerville	RH	18.7	22,726	882	708
Alright Farms, #4, Cochranton	RH	56.5	22,877	849	708
Mark & Chris Cornell, #4, Centerville	R&GH	39.4	22,499	802	701
Jeffrey Raney, #1, Adamsville	RH	44.2	21,422	813	686
Stain-Brook Farms, #9, Meadville	R&GH	52.8	21,599	799	681
Alan & Rhona Custead, #6, Meadville	R&GH	89.5	20,873	747	681
Earl & Bonita Krider, #4, Meadville	R&GH	48.9	21,877	819	681
Jack Rynd, #4, Cochranton	RH	98.2	20,475	808	680
Richard L. Black, #2, Saegertown	RH	64.2	21,853	857	678
Bryan R. McCurdy, #1, Cochranton	RH	33.4	21,272	801	678
Dennis B. Halfast, #1, Centerville	RH	46.0	21,029	802	672
Clark S. Duncan, #6, Meadville	RH	42.0	19,945	735	670
Bancroft Farms, #1, Centerville	R&GH	112.6	21,203	737	669
*Orange Bucket, #2, Centerville	RH	42.9	21,014	831	658
Milton L. Schweitzer, #1, Spartansburg	R&GH	53.9	21,033	674	657
Stanhope Farms, #1, Espyville	R&GH	47.9	20,801	773	648
O-Darlan Farm, #3, Linesville	R&GH	41.0	20,971	801	648
Hart Farm, #2, Cochranton	RH	126.3	20,996	712	648
Dale Home Farms, #2, Springboro	RH	33.3	19,881	768	647
James R. Davis, #2, Spartansburg	R&GH	41.4	20,354	753	647
A&B Dairy Farm, #1, Townville	GH	66.6	21,142	791	640
Ron & Don Closky, #2, Camb. Spgs.	RH	74.6	20,392	747	640
Joas Troyer, #1, Townville	R&G Mixed	25.6	20,456	720	639
Howard & Don Caldwell, #2, Saegertown	RH	39.4	19,116	700	634
Greene Acres, #2, Springboro	RH	67.7	19,151	756	634
Spruce Row Farms, Jeff & Janet Peters, #6, Meadville	RJ	57.0	17,337	811	632
Ronald Kalinowski, #3, Cochranton	R&GH	44.8	20,924	753	631
*W. Norman Wheeler, #1, Springboro	R&GH	42.1	19,378	776	629
Richard M. Lyons, #1, Cochranton	R&GH	21.6	19,894	763	628
*Shannon Brenda Irwin, #1, Centerville	GH	40.1	20,212	714	627
Byler Bros. Farm, #2, Spartansburg	GH	107.1	19,136	740	626
James & Janet Hunter, #3, Saegertown	RH	35.3	19,842	710	623
*Bly Valley Farms, #4, Titusville	R&GH	22.7	19,257	706	618
Robert & Linda Field & Sons, #1, Saegertown	R&GH	46.6	18,424	685	615
Tom & Libby Wilson, #3, Saegertown	R&GH	39.6	19,105	692	614

*Average from 10/10/92 report

LOW SOMATIC CELL COUNT HERDS - NOVEMBER 7, 1992

Joe L. Mullet & Son, #2, Guys Mills	36 cows	92,000
Byler Bros. Farm, #2 Spartansburg	12 cows	99,000

Adams Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

October 1992
Lactation Report

Owner/Cow Breed	Age Last Calf	Days in Milk		Milk Lbs.	Fat Lbs.
Brown Valley Farm					
Abie	3	8-11	305	22,610	953
Variety	3	4-6	305	21,867	973
Linda	3	3-8	305	23,747	897
Oramae	3	3-3	305	20,065	909
Neat	3	3-0	305	19,992	919
Sleek	3	2-1	305	23,670	916
Penn Gate Farm					
Toni	3	6-8	305	24,904	995
Robel Acres					
9	3	6-11	305	25,324	1033
76	3	4-1	305	26,884	914
M C & T Durboraw					
D 101D	3	5-11	305	25,708	997
174	3	3-9	305	24,094	898
194	3	3-2	305	18,685	896
203	3	2-9	305	23,110	1046
Latimore Valley Farm					
Felice	3	5-1	305	25,050	949
Donald Todt					
79	3	6-2	305	24,230	932
54	3	5-1	305	24,210	942
Buttonwood Farms					
Katrina	3	5-1	292	24,854	898
Sarie	3	3-11	305	27,417	1238
Judy	3	3-6	305	22,819	1005
Leslie	3	3-4	305	18,788	912
Irma	3	3-3	305	22,671	1015
Peggy	3	3-1	294	23,016	871
Lagging Stream Farm					
Jill	3	3-5	305	19,796	871
Jobo Holstein Farm					
Ester	3	8-2	305	26,701	960
Eddie	3	3-0	305	24,695	897
Vergo	3	3-0	305	24,115	910
Ray Dutterer					
132	3	10-5	305	25,203	978
106	3	5-10	305	24,368	1037
163	3	4-8	305	20,503	874
R&K Cunningham					
Ellen	3	6-10	305	24,591	966
Molly	3	6-3	305	23,366	926
Way Brite Farms					
69	3	4-10	305	24,682	972
137	3	4-8	305	26,924	1115
Getty Acres					
703	3	7-2	305	29,134	942
767	3	6-8	305	23,654	857
Robert C Hoffman					
Hope	3	8-9	305	26,957	926
Jo Jen Hess					
Jewel J	3	2-8	287	22,241	881
Merle A Herr					
Dixie	3	6-1	305	20,915	960
465	3	5-0	305	25,015	959
Beaver Run Farms					
Fleta	3	8-6	305	20,637	866
Jack	3	6-11	305	27,059	1007
Wanda	3	6-3	305	24,239	953
Gia	3	6-3	305	25,649	1044
Domela	3	6-3	265	20,405	874
Cass	3	4-10	275	25,540	985
Culver	3	4-3	305	31,411	1016
Beris	3	4-2	305	22,952	943

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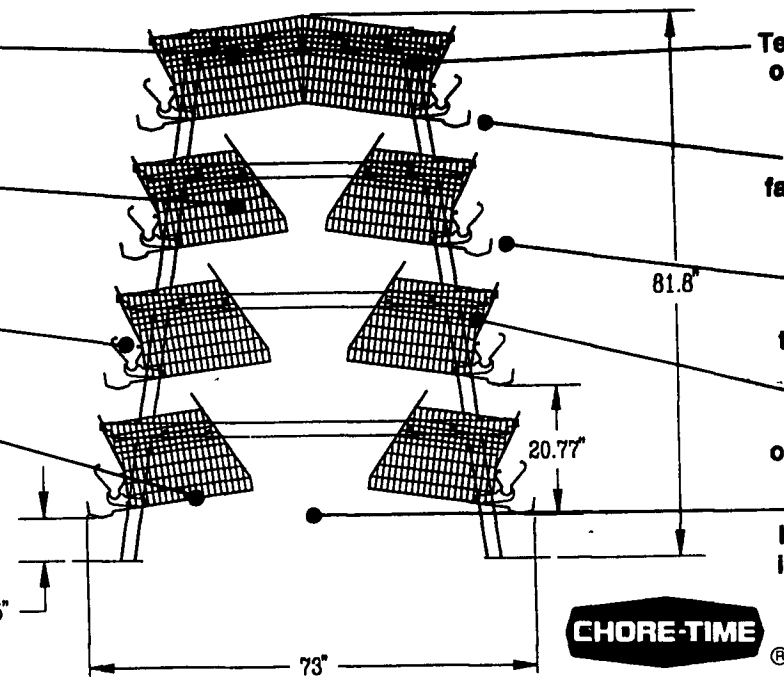
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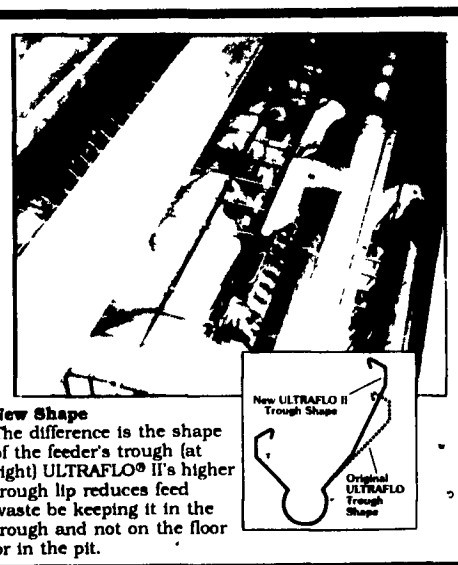

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Beef Expo Set For March

UNIVERSITY PARK (Centre Co.) — The 1993 Pennsylvania Beef Expo will be held March 25-28 in the Ag Arena at Penn State's University Park Campus. The event will be held in conjunction with the Pennsylvanai Department of Agriculture's performance-tested bull sale.

"The best Angus, Charolais, Chiangus, Gelbvieh, Polled Hereford, and Simmental bulls will be sold at the Expo on Friday, March 26," said Glenn Eberly, chair of the Beef Expo Committee and director of PDA's Meat Animal Evaluation Center. "We started testing the bulls in mid-October and we have an excellent set of animals this year."

The Polled Hereford cow sale will be held Friday afternoon. Angus, Charolais, Salers, and Simmental cows will be sold on Saturday. The junior heifer and steer shows will be held Sunday.

The Beef Expo's trade show, which has attracted more than 60 exhibitors in previous years, will be expanded in 1993.

The annual Cattlemen's Banquet also will be held March 25 at Toftrees Hotel, Resort and Conference Center in State College.

For more information about the Beef Expo, or to learn about serving on a 1993 Beef Expo committee, contact Sue Clair, Beef Expo Committee, 568 Rock Road, State College, PA 16801 or Glenn D. Eberly, Beef Expo Committee chair, 651 Fox Hollow Road, State College, PA 16801, (814) 865-5857.

New Status Topic Of Discussion At Lancaster DHIA

(Continued from Page A1)

Wenger said the changes included: a change in the by-laws to reflect the new independent status; a name change from Red Rose to Lancaster DHIA, so people will know where we are geographically, in addition to associating us with the county when they put it on the list at Raleigh. Other changes on Wenger's list included a change in the processing center; a change in reports and a change in the testing lab.

Only 30 to 40 herds out of a total of 1150 herds in the county did not move along to Raleigh. And Wenger also announced that Joe Graybill, vice president, was elected by the local board to a three year term on Raleigh's board.

Wenger summarized the financial report of the county association and reported $1,176,699.14 of revenue and $1,174,837.22 of expenses, with a margin of $1,861.92. One time expenses from starting their independence were listed as attorney's fees, extra travel and meetings, an office computer and an office copier. Without these one-time expenses the margin would have been about $10,000. The county has $47,000 in equity reserve, and Wenger called the county organization "in a sound financial situation."

John Howard, chairman, reorganization committee, gave what he called his last report. "With 56,000 to 59,000 cows on test, people were ready to listen to us," Howard said. "As long as we remain united as a county, we will be able to do things no other county in the nation can do. We are the largest county in the nation--even in Wisconsin; no county has as many cows as Lancaster County does. We can feel very good about our DHIA program. It can be one of the best in the country".

Howard also reported that the rumor that prices for service from Raleigh will increase in January are false. He said there is no price change planned for January.

Jay Mylin, manager, complimented the directors for their extra time and dedication to the organization and the high caliber of work done by the supervisors in making the change of processing possible. "I'm extremely proud of them," Mylin said. "We have a tremendous staff."

Mylin reported that two circuits started on laptop computers in December and more would follow in January. In addition, he said processing costs were projected at 21 cents, but he said he did not think they would actually be quite that high.

George Gramling, manager, Maryland DHIA, said their largest hurdle in taking on an additional 50,000 samples per month was to obtain the vials. He said only one manufacturer in the country makes them, and the capacity is 10,000 per month. "No one ever orders that many vials, but we did, and we have finally received all our order. So we are over that hurdle," Gramling said.

Garry Griffen, director of operations at Raleigh, said Lancaster County has twice as many cows as many of the states they serve. So he said, "If you don't mind, we will just refer to you as a state.

"I have worked with many different states and their supervisors, and I have never seen this kind of cooperation. Your supervisors are 100 percent for the change, and you need to applaud them for the work they are doing."

In the awards program, technicians were honored who had less than 2.5 errors per thousand. They were Harold Probst, Joan Probst, Joe Lindecamp, Becky Hershey, Susan Donches, Nelson Kreider, and Moses Martin. Probst had received the Dexter Putnam award for the lowest error rate in Pennsylvania last year, and he also was honored for 35 years of service. James Lehman was recognized for 10 years of service.

In memory of Wilbur Houser for 37 years of service, Mrs. Houser received a plaque in his honor.

Top production awards by breed were honored as follows: Ayrshire: Warren Schmuck, Peach Bottom, 15,995m 546p; Brown Swiss, Donald Trimble, Peach Bottom, 17,263m 619p; Guernsey, Axel Linde and Millie Widman, Oxford, 16166m 570p; Holstein, John Howard, Willow Street, 24,820m 796p; and Jersey, Star Point Jerseys, Quaryville, 15592m 596p.

In election of directors, Rodney Denlinger, Clair Oberholtzer, Steve Hershey, and Carl Martin were newly elected, and Gordon Hoover was reelected.

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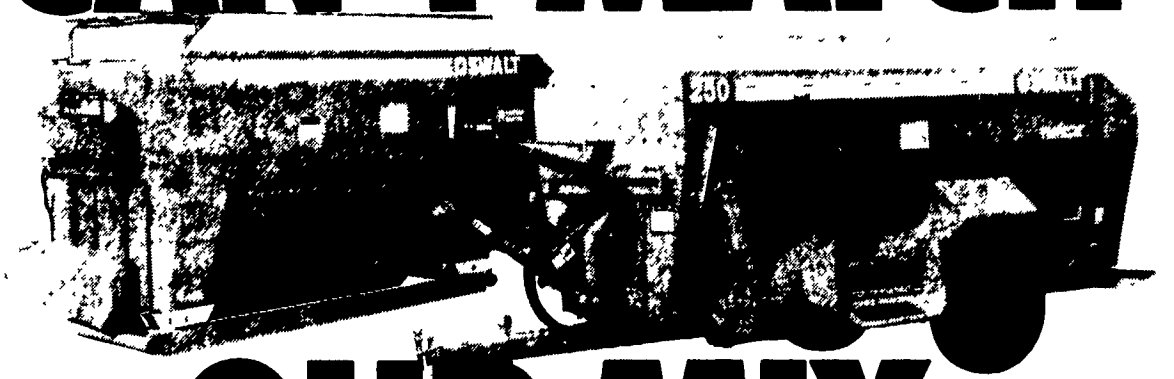

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Foraging Around

By Dr. John E. Baylor
Forage Specialist (Retired)
Penn State University

Forage Seed Supplies For 1993

Another growing season has come to an end. And it's time to plan for the next year. High quality forage continues to be the backbone of the feeding program for all classes of livestock. So let's start by taking a brief look at forage seed supplies for 1993.

Alfalfa

If you're in the market to replace old alfalfa stands, 1993 may just be the year to do it. According to seed sources around the U.S., overall supplies of our improved proprietary (privately developed) varieties have never been better. In fact, with the 1992 seed crop along with carryover seed, assuming normal seed usage, there's at least a two year supply of high quality alfalfa seed just waiting to be used. And that includes the best germplasm the industry has to offer. That doesn't mean there may not be spot shortages of new varieties hitting the market for the first time. But overall the choices are many and prices will remain about the same as last year.

On the other hand, supplies of common alfalfas will be short and prices higher. Last year many alfalfa growers purchased seed strictly on a price basis. This year, be sure to study the data for your area and select your varieties based on performance (yield, quality, and persistence). Remember seed cost represents a very small percentage of the total cost of growing alfalfa when prorated over the expected life of stand. You can't afford to buy "cheap" seed!

Red Clover

Seed of improved red clover varieties is a different story. There was a short seed crop in 1992 of the improved privately developed double crop varieties. Thus, seed supplies are expected to be tight and prices up. So if red clover is your forage legume, it will pay you to make your decision early and place your seed order soon for next spring. Seed supplies of single cut varieties, on the other hand, are adequate.

Other Legumes

Seed supplies of improved varieties of Birdsfoot Trefoil are short and prices will be up. Seed producers of birdsfoot trefoil faced the same weather conditions in 1992 that you did. And for the most part those conditions spelled disaster for seed production. You can, therefore, expect to see more imported seed on the market this winter along with some blending of imported seed lots with improved varieties. Overall, imported lots are less likely to be adapted for your conditions and should be avoided. So work closely with your supplier to be sure you're getting the variety and seed quality you want.

Seed supplies of other legumes — ladino clover, alsike clover, and sweet clover — should be adequate to meet demand and prices are expected to remain about the same as a year earlier.

Forage Grasses

Seed supplies of our cool season grasses are a mixed bag, especially for improved name varieties.

- For orchardgrass, 1992 Oregon seed crop (our main production area) was down, and thus seed supplies of all improved varieties are short with prices up.
- Timothy seed supplies of both named varieties and common are expected to be barely adequate. Prices will be up slightly.
- Bromegrass is about the same story — improved varieties in short supply and prices up slightly. Seed of common bromegrass, on the other hand, is expected to be adequate, but quality may vary.
- There is, however, better news for reed canarygrass. After several years of very short seed supplies of the low alkaloid variety *Palaton*, there will be more seed available for 1993 plantings. Prices should remain unchanged.
- Seed supplies of low endophyte tall fescue varieties are also expected to be adequate with stable prices. The same should be true for Kentucky 31.

It's too early to forecast weather conditions for next summer. But, based on normal usage, there should be adequate seed supplies of most summer annual forage crops. And prices are expected to remain unchanged.

Finally

Over the past years I have thoroughly enjoyed keeping in touch with forage growers in *Lancaster Farming* country through "Foraging Around". But sooner or later, time catches up with all of us. And so it is with me.

I have, therefore, reluctantly decided that this should be my last regular column in *Lancaster Farming*. However, should you wish to visit with me on any forage related items, please feel free to do so. My address is 298 E. McCormick Avenue, State College, PA. 16801.

Also, may I take this opportunity to wish you and yours the very best of the holiday season. And may 1993 prove to be a prosperous year for you.

Good Weather Equals Good Crops, Better Herd On Dairy

NEWMANSTOWN (Lebanon County) — Good feed obtained because of favorable growing conditions allowed the herd health to improve overall at the farm operated by Bruce Heilinger.

Heilinger, who manages 35 head of all-registered Brown Swiss (and 30 replacement stock), milks from stanchion barn to pipeline.

He also manages 15 milking Holstein and four milking Guernsey cows. Averages for the different breeds are, Brown Swiss, 19,000 lbs., Holstein 23,000 lbs., and Guernsey 16,000 lbs.

Heilinger's sister Karen and their parents, Richard and Josephine, help on the farm. They manage about 170 tillable acres and rent an additional 160 acres.

Because of the fine weather and optimum growing conditions in the county, the herd benefitted, according to Heilinger.

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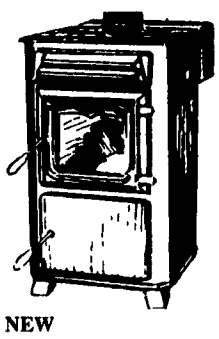

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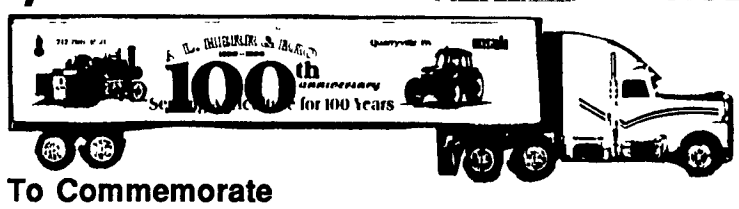

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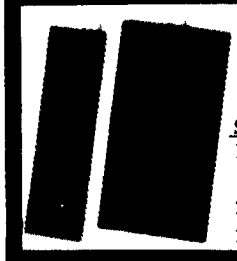

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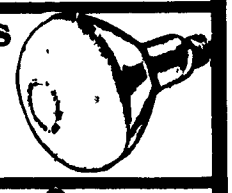

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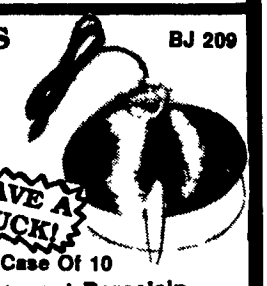

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NAILE Sheep Show A Cornucopia Of Breeds

LOUISVILLE, Ky. — The sheep show at the North American International Livestock Exposition (NAILE) has become one of the most prestigious shows in the world due to tradition. All sheep events started at the NAILE in 1976.

This year, of the 16 sheep shows, seven were National Breed Association shows. National breed shows included Hampshire, Southdown, Cheviot, Oxford, Montadale, Cotswold, and Romney. Other breeds showing at the NAILE were: Dorset, Suffolk, Corriedale, Shropshire, Rambouillet, Natural Colored, Merino, Columbia, and Tunis.

More than 3,000 entries were recorded for this year's sheep show.

Randy Hall, vice president of the Oxford Association believes the NAILE show is the "Super Bowl of sheep shows." Hall also thinks this is the most prestigious show in the United States. He said, "a champion at the NAILE means a lot more than a champion at a state fair."

Billy Wade, a purebred Dorset breeder from Greenville, Virginia, said, "most come to the NAILE sheep show because it is the last major show of the year." He also said that "the Kentucky Fair and Exposition Center is one of the few facilities large enough to house that many sheep."

The facility is currently being expanded to hold twice as many sheep for future shows.

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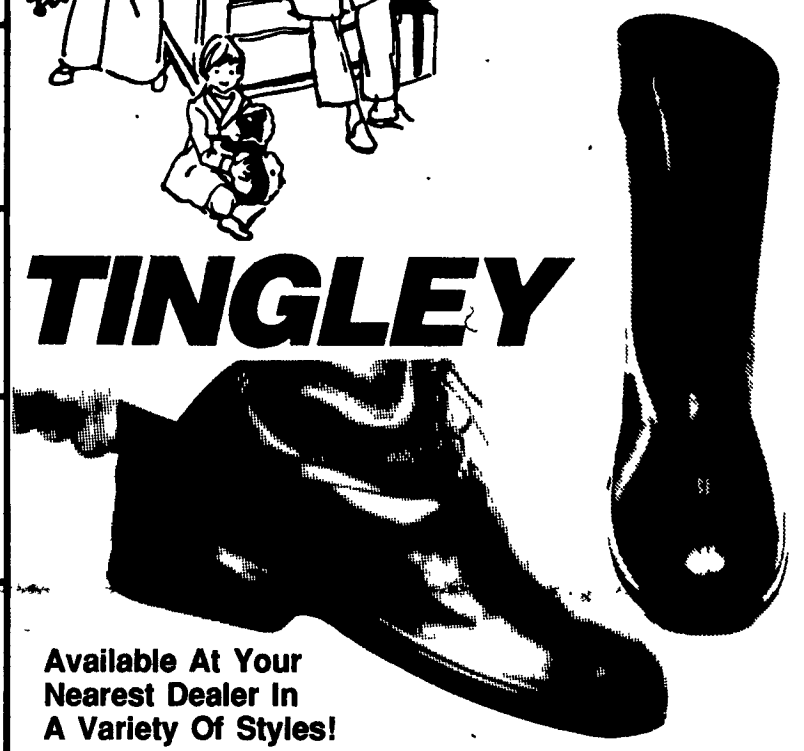

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ABS Progeny Dominate All American Sale

DEFOREST, Wis. — Progeny of 29 J2875 LESTER and 29 J2877 SKY LINE captivated the bidders' attention at the 1992 All American Jersey Sale, held recently in Louisville, Ky.

Topping the sale at a price of $9,800 was Sweet Grass 2875 Gurit-ET, a yearling daughter of 29 J2875 LESTER, bred by Clifton and Laura Booth of Buhl, Idaho. Gurit is a maternal sister to the breed's highest PTI cow, Sweet Grass Sooner Gilda. Their dam, Sweet Grass Brass Gulka, is the breed's fourth highest PTI cow and a daughter of 29 J2793 TOP BRASS. Gurit carries two A.I. contracts and sold to the Lutz Syndicate of Mocksville, N.C.

The second high selling female was Lesters Althea Altop, a 4-month-old 29 J2875 LESTER daughter that brought $7,400 to Chaney Farms of Bowling Green, Ky. Her dam is Altheas Pride 031, an outstanding Sooner daughter with seven maternal brothers in A.I. Altop was purchased by Lynn and Roy Lee of Smyrna, Tenn.

The top selling male was Forest Glen Benchmark, a son of 29 J2875 LESTER from Forest Glen Sooner Gemini. BENCHMARK was bred by Stanley and Dora Bansen of Dayton, Oregon, and was purchased for the price of $48,000 by the Benchmark Syndicate and American Breeders Service. Three other bulls sold in the sale, all sired by ABS bulls. They were progeny of 29 J2875 LESTER and 29 J2877 SKY LINE.

29 J2875 LESTER had an extremely powerful influence on the success of the 1992 All American Sale. With six daughters selling, his progeny averaged more than $5,000 - more than $1,200 over any other sire. 29 J2877 SKY LINE sired the second highest averaging group of Jersey heifers in the sale at $3,308.

In total, 18 ABS-sired animals sold in the 1992 sale, averaging more than $8,900. This average is more than $5,700 greater than any other A.I. unit represented through the sires of the consignments. With ABS' leadership in the Jersey breed, this competitive edge is available to Jersey breeders around the world.

"Following the July 1992 sire summary, ABS is positioned with the best Jersey sire lineup available," said Dave Thorbahn, ABS manager of dairy sire selection. "With the best sons of Duncan, Yankee, TOP BRASS, and ROYAL, and four of the five bulls in the breed over +2000 pounds PTA milk, ABS is the reliably ahead source of Jersey genetics."

According to Michael Riggs, 1992 sale chairman, the All American Sale sets the standard of excellence for the future of the Jersey breed. The challenge met by the All American Sale committee was to select for the standard of excellence that would inspire all Jersey enthusiasts.

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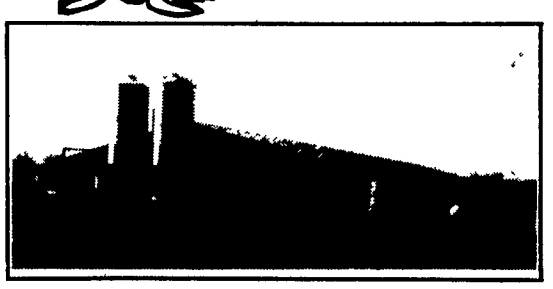

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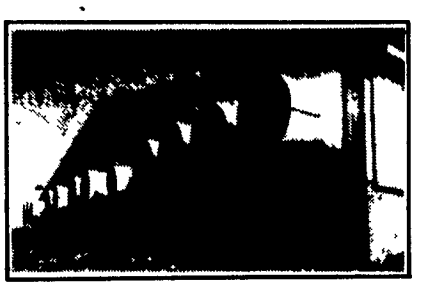

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The Frank Miller family dairy farm is the home of the highest average protein production in the state and also has been awarded the top 1992 Pennsylvania DHIA management award for the Holstein breed.

DHIA Names Miller Farm

(Continued from Page A1)

(not through DHIA) have been averaging around 150,000 or less, according to the dairy to which they sell milk.

And while the recognition is reason for smiles, Frank said it is more important to him that the Millers stay a family and that they keep the land in farming.

The herd management award program acknowledges those whose management skills have resulted in good and consistent increases in production and enviable records for reproductive management and somatic cell control.

The purpose of the award is to reward those dairyman who consistently practice overall good management, not necessarily those who shine with just rolling herd average.

Through a point-system formula — which does weigh heavily the past year's milk and milk component production, and also includes management aspects — operators with herds on test with Pa.DHIA are judged for management improvements.

This is the second year for the herd management awards program, the brainchild of Pa.DHIA management.

Last year, Susquehanna County dairyman D. Byron Hunsinger and family were recognized for having the most improved Holstein herd.

But while Hunsinger acknowledged changing a lot of small things around the farm which was relfected in a large increase in production, the Miller family (Frank especially) maintains that they really didn't expect the recogniuon because they had been continuing to farm as they had been — with constant care and attention to details, diligent work, use of a nutritionist, insistance on cow comfort and care, and family cooperation.

The only real changes were in feed quality — last year produced some high quality alfalfa hay for their herd — and the sense that the herd is maturing genetically.

"We don't really pay attenuon to the herd averages," Frank said. "But you shouldn't write this about me. If it weren't for Brian and (Brian's wife) Bonnie, I probably wouldn't be doing this (milking cows)."

After high school, Brian, 35, had left the farm for 2½ years to work heavy construction, only to return home where he could work hard for results, not just put in hours for pay, he said.

Frank explained that he was considering selling the cows, but changed his mind when Brian expressed interest in dairying. "I told him his home is always here," Frank said.

Surrounded by large tracts of "investor-owned" farms — which in reality are residential developments waiting to happen — the Miller farm sits on the edge of a platuea which quickly drops to the impressive lower Delaware River.

From the farm, the area still retains its rural apperance. The community economy in nearby Martin's Creek is a strange mix of tourism business and bedroom residents.

The tourism businesses cater to the fisherman who swell the banks and whose boats cruise the river from late spring to early summer in pursuit of the anadromous shad on its spawning run.

The bedroom community is largely peopled by urban sprawl spilled over from New Jersey.

Much of the open farm land is owned by well-to-do New Jersey and Pennsylvania real estate investors who either rent the land or allow farmers to work it for next to nothing in order to keep down taxes on their investment (agriculture status gives it a tax break).

However, Brian said they are really "house farms" waiting for the economic weather to improve before a new crop is planted.

It is significant that most of the building lots on the other previous or retiring farmland fetch prices of $40,000 to $50,000 or more — without improvements.

It is significant because transferring a farm from one generation to the next is almost impossible with the state's built-in incentives to dispurse the wealth of an individual, rather than allow heirs to have easier footing because of the dedication and hard work of their previous generations.

Frank Miller isn't about to let that happen, he said sternly. His intention is to give the farm — barn, cattle and field — to Brian and Bonnie so they can continue to keep the farm as a farm and in the family and not end up as an investment by someone with a lucrative city business and no good place to put extra money.

It's easy to see Frank and wife Arlene are proud of their family and sons and daughters. All of them. It's also easy to see how good they feel with the working relationship that has occured.

For many farm families, apparent strong wills and lack of communications undermine what otherwise seems should be a strong cooperative effort.

That's not true with the Frank Miller Jr. family operation. Everybody has their jobs. No one, Frank said, tells anybody else how to do their job.

But then, he said he doesn't see the need for that kind of bickering — everyone is in it together.

Brian takes care of feeding and reproduction. Frank takes care of crops. Arlene takes care of the books. Bonnie takes care of the calves. Brian and Frank do the milking. No outside help milks.

Of course there is temporary crossover of duties when hay needs to be made, corn picked, etc. But that isn't often.

Frank Sr. bought the 160-acre farm in 1928 among other farms owned by kin. They live on Miller Road. He had a variety farm.

Giving most of the credit of his love of cows to his FFA experience (he was state vice president in 1954), Frank Jr. said. "I liked cows and we had calves I showed in FFA."

After graduating high school (in 1954), Frank Jr. built an extension on the barn taking it to 51 comfort stalls. The herd increased from 18 animals eventually to the current number.

The only major change was to add a vacuum pipeline after Brian graduated high school in 1975.

They've been on test for 10 years to help with some management decisions. However, Frank said he is not as production oriented in his culling decisions as some people might be.

When he bought the majority of his original cows, the owner told him that if he wants to build a good herd, you have to do with good animals. They haven't culled for milk production or reproduction reasons if they have a "good" cow. A good cow to them has produced a lot of milk, has strong type and structure, but may be lacking something else which can be changed through breeding.

So they have been keeping what others may have sent to market and breeding for offspring which fulfill the potential locked inside the older cows.

That is the secret Frank said he was told in order to build a strong herd.

Brian Miller drives a tractor, pulling a load of ear corn.

Mase Leads Mixed Breed Category

VERNON ACHENBACH JR.
Lancaster Farming Staff

LEBANON (Lebanon Co.) — Gary Mase, of Lebanon, didn't pick up his Pa.DHIA herd management award as of last week — he wasn't able to attend the county annual banquet and his tester, who has the awards, just delivered a baby and won't be back on the job for a couple weeks.

He said, no matter, it was pleasant news to find out from friends who were able to attend the banquet.

The recognition is strange, he said, because it really reflects a turnaround from a big drop in production last year.

Hurt by bad weather and an economy less receptive to his marketing of Brown Swiss genetics, he didn't use his mixed breed herd for embryo transfer donors. There was a period when they stood dry — that is his mixed breed's main function, he said, carrying Brown Swiss embryos and making milk.

Mase, profiled in Lancaster Farming's May 12, 1990 issue, realizes the backbone of his production is the same for any dairy farmer — making milk.

Mase is a contract-producer for Wenger's Dairy in Lebanon. At the time of the article, he had 35 Brown Swiss milking cows and another smaller herd of mixed breed, including some Holstein cows. He said he averaged about 70 pounds of milk a day, per cow, in the tank.

Gary Mase received the top management award from Pennsylvania DHIA in the mixed breed category.

The mixed herd included 15 Holsteins and about six crossbreeds.

He currently has 10 Excellent cows in the Brown Swiss herd. But he doesn't cull the same way others might in a strict milk production operation.

His marketing strategy includes selling stock in a breed for which he has much admiration. He said that, while a Brown Swiss may not perform head-to-head with other 2- and 3-year-old Holsteins right now, they will produce comparitively as 4-year-olds and through the later lactations. Furthermore, their milk component perctentage is almost a point above Holsteins on average.

He also said that, because of the breeds' sturdy, large frame and much recognized strength in feet and legs, they live longer and can last through more lactations.

(Turn to Page A33)

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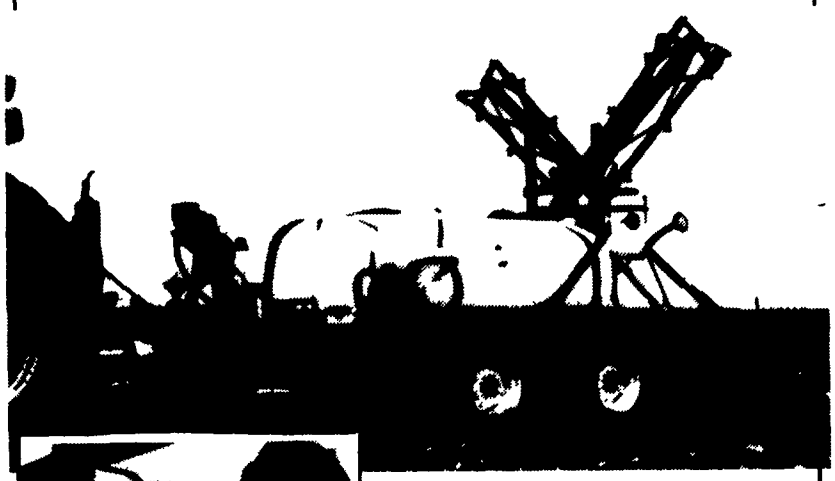

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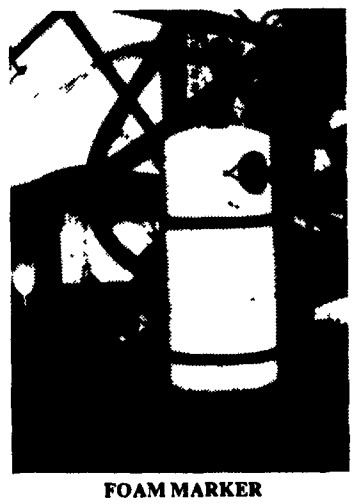

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HARDI

Mase Leads

(Continued from Page A32)

"It's a shame there aren't more breeders," he said. "The Brown Swiss really has a lot of potential. All we need to do is get more work done on them and build up the interest."

Right now, he said he has an Excellent cow on dry lot for six months and she's dragging the herd average down. She's been open for about 400 days. But he won't cull her because her type and past lactations were so good. She is too valuable to Mase for genetics and the future of the breed to cull for strictly reproductive problems.

Mase said he doesn't dislike Holsteins, he just likes Brown Swiss more. He started with two calves 20 years ago as his 4-H project. They were gifts from his older sister, from a dam she had purchased for less than $100 as a calf.

One prize calf, a 2-month-old, sold for more than $4,000 at a Brown Swiss Association Mid-Atlantic Calf Sale. It was the great-granddaughter of his 4-H project calf that can be traced to a herd owned by William Daubert of Pine Grove.

"The cows are all fed the same," Mase said. "There's no color difference as far as when it comes to feeding them. I feed according to milk production.

"I feed a total TMR and then topdress strictly on production," he said. "I don't see color when I go down the barn feeding cows. I look at milked weight."

The production from his cows is not from a magic formula. Mase said genetics, luck, and care combine to create high-producing animals.

Sire selection is varied as to source, he said. "With Brown Swiss, it's a wide open ball field. There's really no set stud there. So, I have to go with selection with the Swiss. We even get some (semen) privately from some other breeders."

Gary Mase farms with wife Patty, son Garrett, daughter Lisa, and son Anthony.

"DHIA helps me with my culling. I used DHIA for culling and for feeding; for fine tuning my ration as far as feeding individual cows. And it helps with the Brown Swiss, to (have records to) market.

"Probably the biggest reason I go with DHIA, rather than buying my own meter myself to find out what (a cow is) milking," he said. "You have to keep records on registered stock to merchandise breeding stock, and occassionally use records."

Ardrossan Farm Top Ayrshire Manager

ANDY ANDREWS
Lancaster Farming Staff

VILLANOVA (Delaware Co.) — "I know this herd very, very well," said Helen Hope Montgomery Scott, owner of Ardrossan Farm. "I know and name every cow. I'm in the barn every day."

A combination of good record keeping and watching the day-by-day production records of cows contribute to herd improvement. And those factors were the ingredients in the honors fostered on the Ardrossan Ayrshire Farm, which was recognized as top managed Ayrshire herd, according to the Pennsylvania DHIA.

Ardrossan was founded in 1910 when Col. Robert L. Montgomery, Helen's father, came to Philadelphia from Scotland. The herd prefix came from the town of Ardrossan, Scotland. At the time, Montgomery brought over nine cows and one bull.

The farm milks 120 all-registered Ayrshires from tiestall to pipeline, and manages another 180 head of replacement stock. Averages are a little more than 20,300 pounds of milk, according to Scott. They raise their own alfalfa and grass hay, but purchase the grain. A TMR is used on the cattle.

Ardrossan, under general manager Chester Billheim, farms about 500 acres, and other 250 acres are in woodland. Herd manager is Heinz Mielke. There are a total of another five full and part-time herdsmen.

The farm's seedstock has been built up gradually, according to Scott. Since the farm's conception, they have purchased no dams and use several bulls on the farm.

But "taking an active part" in the operation and management of the farm, according to the owner, and keeping good records are keys to successful herd management.

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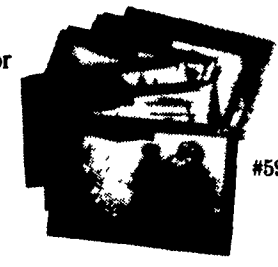

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Multiple Feeds Make This Jersey Herd Tops In State

ANDY ANDREWS
Lancaster Farming Staff

MEADVILLE (Crawford Co.) — Using multiple feed — and keeping it in front of the cows to eat all the time — were contributing factors to improving the Jersey herd at Spruce Row Farms.

Plus, going to wrapped 50 percent moisture bales contributed to overall herd improvement and better milking for the 110 (50 replacement stock) all-registered Jerseys at Spruce Row, according to business partner Jeffrey Peters. Switching to the baylage system was "one of the best things I ever did," said Peters.

Peters, in partnership since 1982 with Charles Hotson, farms 359 acres (220 tillable). The dairy farm uses a 48-stall barn to pipeline. The latest milking averages are 17,337 lbs., 810f, 632p. Spruce Row Farms was honored by the state DHIA as number one managed herd in the Jersey breed recently.

Also, keeping the cows clean and healthy are important to the farm managers. Jeffrey said that when they switched to using newspaper a short while ago, cow cleanliness improved dramatically.

Newspaper bedding "is the greatest bedding product I've ever used, hands down," said Peters. "The cows inherently stay clean . . . it's an ideal environment for them."

The multiple feed, used on the farm since 1984, includes 20 percent haylage, corn silage, high moisture corn, rolled ear corn, and a 32 percent protein/mineral/vitamin mix. The cows are fed 10-12 times a day. "The cows almost always have feed in front of them," he said. Using these management methods, according to the dairyman, have "kept us one of the top Jersey herds in the state the last six years running."

The breedstock has been built up since the farm became a Jersey herd in the late 1800s, according to Peters.

Plan Now For Successful Spring Calving

KANSAS CITY, Mo. — A successful spring calving season is one of the most rewarding successes of the efforts of commercial cattlemen. Quality calves and a good calf crop are not a happenstance, they're the result of careful planning, superb herd heatlh care, and good breeding practices.

If you have a spring calving program in place, there are steps you can take now that will help ensure a successful calving season and healthier newborns and brood cows that recuperate more quickly after birth.

Dr. John Hough, director of education and research for the American Polled Hereford Association said that by taking a little extra time with your herd in winter, you can potentially increase profits come spring.

"If possible, it's best to separate cows and heifers in advanced stages of pregnancy from the rest of the herd," Hough said. "This helps avoid injuries and possible abortions from riding, butting, and fighting."

He recommends sorting pregnant cows and heifers about halfway through gestation if there are adequate pens and pastures. This will save a considerable amount of time when calving starts because the rest of the herd will require less intensive monitoring.

Immediately prior to calving, Hough said it's advisable to place the cows and heifers into calving pens or sheds if they're available. If not, the next best alternative is a small, clean pasture.

"Keeping winter rations at recommended nutrition levels during the first stages of pregnancy is essential," Hough said. "During the last 30 to 45 days of pregnancy, however, cows generally need a 10 to 15 percent protein increase in the ration, especially if they're being fed a stored roughage such as hay. This can be an extra two pounds of hay per day, as long as an additional pound of total digestible nutrients (TDN) is provided."

Keeping stresses down is also recommended. Maintaining familiar surroundings, reducing weather stresses with windbreaks, if feasible, and continuing a solid nutrition program will combine to keep prospects of a profitable calf crop high.

Hough said you'll also want to keep an especially watchful eye on the pregnant cows or heifers to be sure they don't contract a threatening illness. While most cows will make it through the winter with little difficulty, the possibilities of sickness exist. If you have any concerns at all, consult your veterinarian for treatment recommendations.

By following these and other "common-sense" precautions, Hough said your prospects for a strong healthy set of calves in the spring will be much greater, thus increasing your profitability. Plus, none of these recommendations involve a significant investment.

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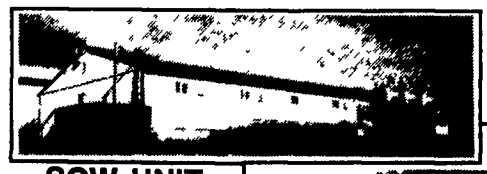

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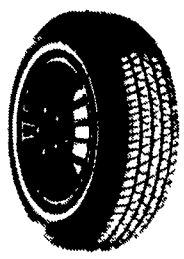

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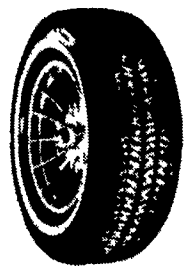

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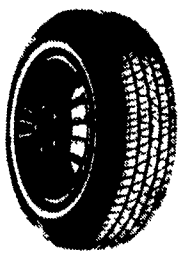

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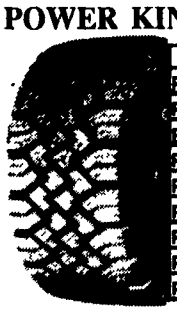

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Hired Labor Availability Changes For Farms

UNIVERSITY PARK (Centre Co.) — Pennsylvania farmers are having a harder time finding hired labor, according to a survey conducted by Dr. Jill Findeis, associate professor of agricultural economics in Penn State's College of Agricultural Sciences.

To assess hired farm labor availability in Pennsylvania and to determine the strategies farmers use to keep laborers, Findeis and project associate Timothy Bowser asked 484 farm households about the amounts of time the principal farm operator, spouse, children and other relatives spent doing on-farm work by season.

The researchers also asked about the use and perceived availability of different types of farm labor, the wages and perks given to hired farm labor, the needs for additional hired labor, and strategies used to retain workers.

According to the results, Pennsylvania farmers believe that hired labor has become less available in the past five years. "When asked about the availability of farm labor in their area compared to five years ago, 62 percent believed labor was less available in 1991, while 31 percent saw no change and 7 percent perceived an increase," Findeis said.

When asked about the availability of local labor, many farmers said that jobs outside farming were attracting students and others that they had previously relied upon for summer work. "Some farmers believed they were unable to compete with nonfarm jobs in terms of providing comparable wages and benefits," Findeis said. "Others felt that these jobs did not necessarily pay more per hour, but that fewer work hours per day or per week were more attractive than farming hours."

The survey also indicated that few Pennsylvania farmers adopted practices designed to attract and retain labor other than being kind, friendly, and considerate to their workers. "Farmers who must hire workers will need to find other methods for meeting the workers' needs, if not in the short run during the recession, then in the long run," Findeis said.

As nonfarm opportunities increase, farmers will need to provide potential farm workers with competitive salaries, benefits, and hours. "Some farmers will be unable to match conditions in the nonfarm sector," Findeis said, "but those who do will find the labor they need."

The survey also showed that Pennsylvania farmers found full-time labor particularly difficult to hire, but many farm families also had difficulty hiring seasonal and year-round part-time labor.

"Some farmers said they would hire more workers if they were available at an affordable price in their area," Findeis said. "Interestingly, although farmers thought full-time labor had become particularly more difficult to hire, more farms reported needing additional seasonal and part-time labor. of the more than 450 responding farms, 85 reported wanting to hire more seasonal farm labor and 65 reported needing more year-round part-time workers. Only 26 farms wanted to hire more full-time labor."

From the viewpoint of Pennsylvania farmers, said Findeis, several trends are important for the future. "It's likely that the trend toward fewer part-time workers will continue. The hired farm workforce will have an increasingly greater proportion of full-time workers.

"Second, mid-size farms may have the most difficulty attracting and retaining farm workers now and in the future," she said. "Small and large farms pay higher wages on average and are more likely to attract hired labor than mid-size farms."

"Smaller farms - those with less than $40,000 in annual sales - hired fewer workers, especially full-time labor," Findeis said. "Only 20 percent of small farms in Pennsylvania hired labor.

"About 60 percent of the large farms - those with more than $100,000 in sales - hired some labor. Only 10 percent of mid-sized farms hired full-time labor compared to 30.1 precent of larger farms. Larger farms also were more likely to hire seasonal labor than mid-size farms - 23 percent of large farms compared to 15 percent of mid-size farms."

SCRANTON (Lackawanna Co.) — Keith Eckel, Lackawanna County vegetable and grain farmer and president of the Pennsylvania Farmers Association, received the "Friend of Extension" Award from Epsilon Sigma Phi, the national extension honorary fraternity, at the annual meeting of the Alpha Omicron Chapter and was the "center piece" speaker at the All College Conference of the College of Agriculture at Penn State University. Shown with Eckel, left, is Tom Jurchak, Lackawanna County extension agent, center, J. Lee Miller, Beaver County extension director, right.

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Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

DECEMBER

SAT. DEC. 12 - 9AM, Antiques, Furniture, Glassware, Collectables, Guns, Coins & Household Goods. Estate Of J. Evans Wiker ET Al. Barr & Davis, Aucts.

SAT. DEC. 12 - 9AM, Special Consignment Of Old Oriental Rugs From Md. Estate. Located At Rudnick's Sales, Route 213, Galena, Md. Harry Rudnick & Sons, Inc., Sales Manager, Aucts., Real Estate Broker.

SAT. DEC. 12 - 10AM, Large Cat Attachment & Late Model Cat Equipment Auction Located 15 Miles East Of Harrisburg, Just Off Interstate 81 (Exit 28). Proceed North On Rt. 743, Follow The Signs To The Sale Site. Alex Lyon & Son, Sales Manager & Aucts.

WED. DEC. 16 - 3 30PM Brad Smith Auction Co Antiques. Selling the Anna Marie Malone Estate 5 miles South of Red Lion along Rt. #74, just before the Brogue, York Co, PA. Signs posted. Bradley K. & Patricia L. Smith, aucts

WED. DEC. 16 - 6PM, Over 150 Winross Trucks. Located At Kleinfelter's Auction Room, 105 Chapel St., Lebanon, Pa. 17042, Between 7th & 8th Sts Off Willow St. Clayton, David & Ralph Kleinfelter, Aucts.

SAT. DEC. 19 - 9AM, Auto Mechanics Auction. Located Indoors On Site At The Intersection Of North & Eichelberger Streets In The Boro of Hanover, Pa. Earl & Bill Motor Company, Inc Randy L Hilker, Auct.

SAT. DEC 19 - 10AM Landscape, construction equip, dump truck & truck tractor auction Use Rt 78 to Clinton, proceed on Rt 31 South, 8 miles to the Flemington Fairgrounds, approx 35 minutes from Newark Alex Lyon & Son, aucts

SAT. DEC 19 - 10AM, Montour County Farm Auction Of Farm Machinery & Livestock. Located 7 Mi North Of Danville & 1 Mi South Of Washingtonville Off Rt 54 Just 4 Mi. North Of Interstate 80, Exit 33 Off Rt. 54. Owner, Allen H. Schafer Bryan D Imes, Auct.

SAT. DEC 19 - 10:45AM, 31 Banks & Lending Institutions Offer Approx. 175 Repossessed And Lease Vehicles. Located At Keystone Public Auto Exchange, Rt. 22/322 Between Dauphin & Clarks Ferry Bridge Local Banks Kerry Pae, Auct.

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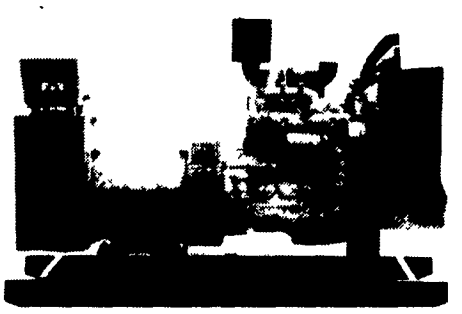

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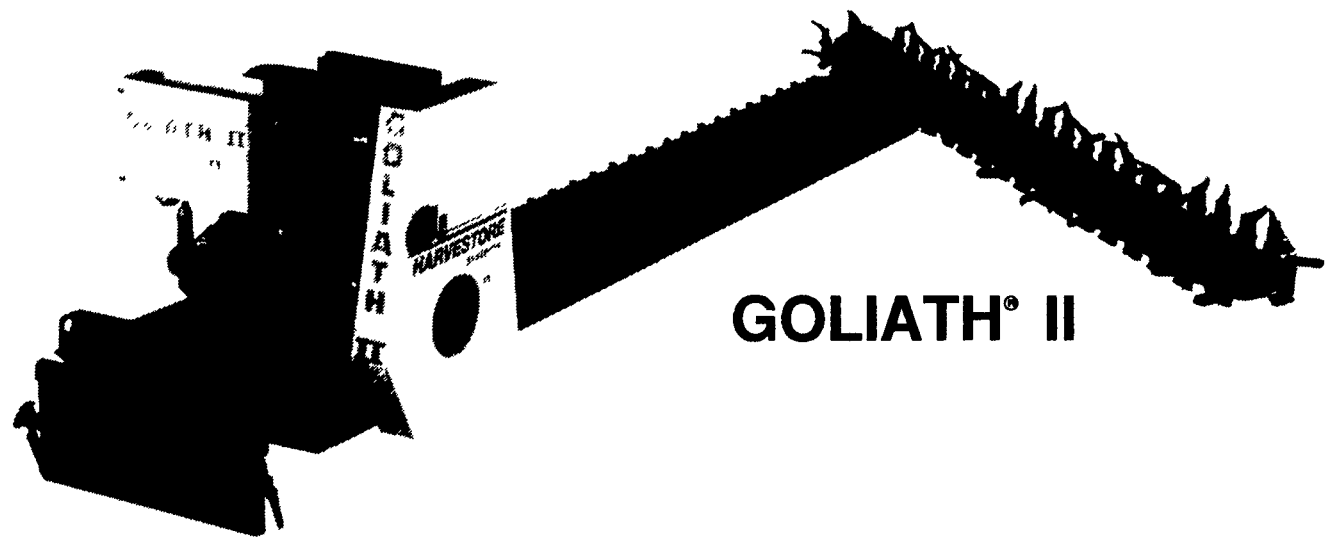

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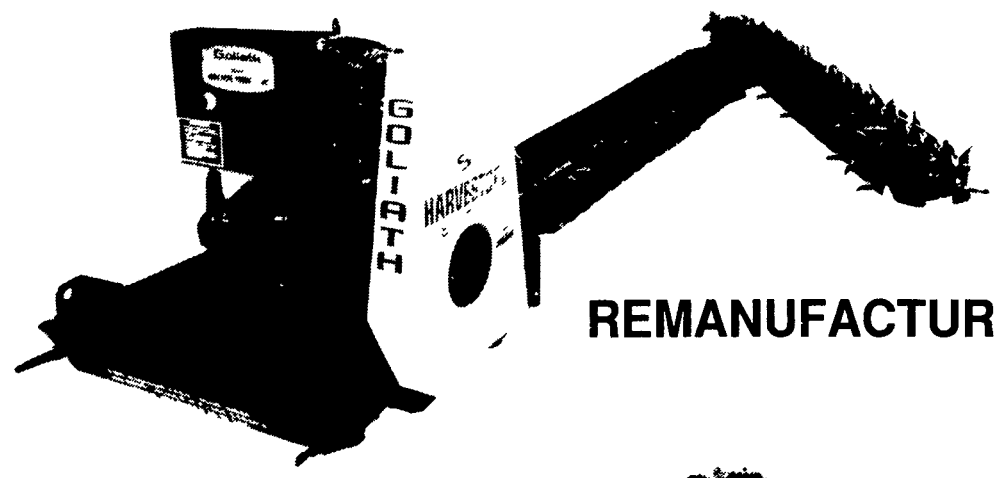

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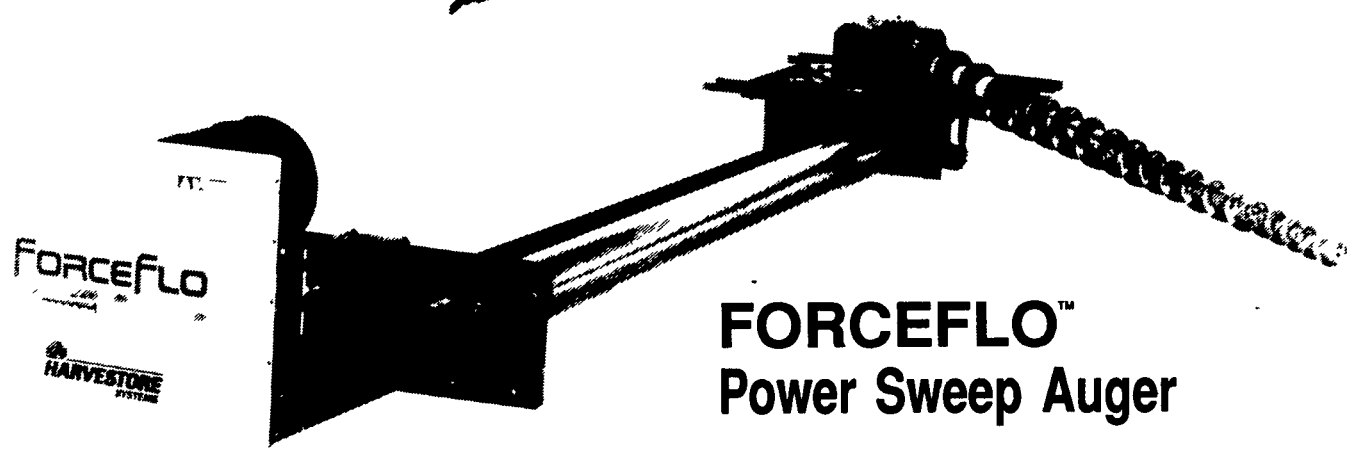

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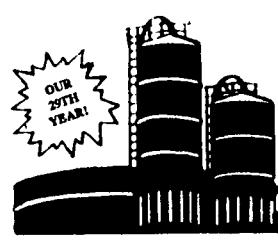

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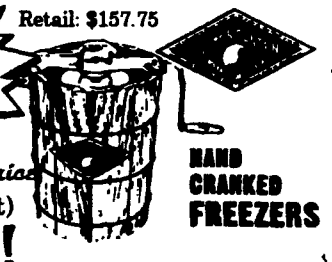

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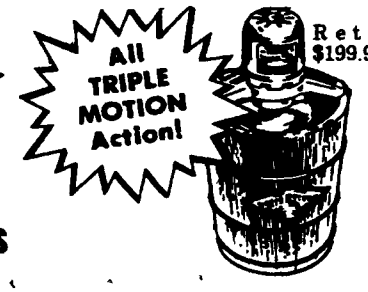

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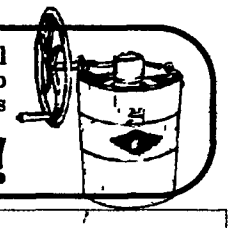

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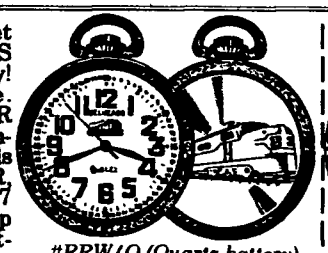

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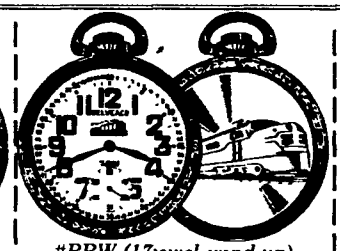

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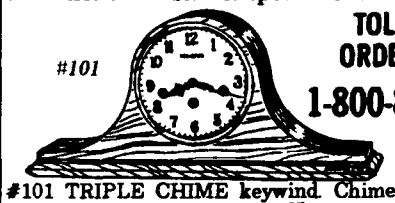

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#58 Chime
#98QTP/RY
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Shaded Walnut finish case with open center dial (lets the beauty of the wood show through!) Brass numbers and hands, brass trim. 16 X 9X5 The following models available: #58 WESTMINSTER Chime - 8 day Keywind

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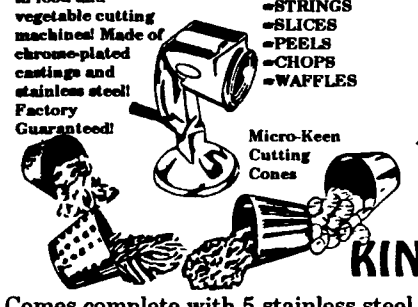

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Togetherness Marks Pa. Alternate Princess' Family

LOU ANN GOOD
Lancaster Farming Staff

HAMBURG (Berks Co.) — SMAK-B Farm is home for Pennsylvania Alternate Dairy Princess Sandra Gross and her siblings, Michael, 15; Alicia, 12; Kristen, 9; and Brian 6. It's also the place where teen-agers want to drive 4-wheelers, play football in the fields — and work.

"All my friends who come to visit want to work here because my dad makes everything sound like fun," Sandra said.

Encouragement and competition are the main ways that Sandra's father, David, inspires Sandra, 17, and other teen agers to work on the farm.

When they are unloading hay bales, Gross challenges the kids by saying, "I can throw the bale this high. How high can you throw it?"

Soon the kids are chucking hay bales fast and furious while Gross speedily stacks the bales. To inspire the kids to work even harder during hay stacking, Gross tells them, "If you can bury me in the hay mow, I'll stay up here and stack them."

The kids become mesmerized by trying to bury him in the hay mow. And, Gross is secretly chuckling because the hay is getting unloaded in prime time.

Unlike some fathers, Gross said that he does the work that no one else wants to do and has no problem doing it. "I guess it's because I was the youngest son in the family and I grew up doing the jobs no one else wanted to do."

Another method Gross utilizes in inspiring his children to work is to work side by side with them instead of assigning them chores on their own.

Gross said, "I always do the same work as the kids. From little on up, the children go everywhere with my wife and me. That way, the children see how it's done rather than have me tell them how to do it."

Gross contends that if a child accompanies him for five years by watching him mow hay, that child will know how to do it a lot better than waiting until they are 14 years old and then having him tell them how to do it.

To help children enjoy work, Gross believes they need to see that the jobs they do are of value.

"I like to make kids feel important," he said. "When more calves are born, I tell the child who feeds them, 'You are more important today because you are responsible for more calves.'"

With compliments such as these the child is not as inclined to complain about the extra workload.

A sense of humor also lightens the work load on the farm.

Sandra said, "My father always has a reason for everything. It doesn't always make sense — it's off-the-wall logic — but we like to hear what he has to say."

Some of her dad's off-the-wall logic includes his surmise that everyone has 24 hours in which to sleep, work, and spend money.

"If you work for me 8 hours, sleep 8 hours, you have 8 hours to spend money. But, if you work for me 14 hours and sleep 8 hours, you have only 2 hours to spend money; therefore you don't need as much money because you don't have time to spend it."

Gross admits, "I haven't convinced any of the children of the logic of that one, but I'm still trying."

Sandra groans goodnaturally and said, "He thinks up things like that when he gets up at 5 a.m. to milk."

Another tidbit of wisdom that Gross tells his children: "If you want more sleep, you have two choices: go to bed earlier or get up later. Getting up later isn't one of your choices."

While many farmers pay their children an hourly rate for doing chores, Gross does not.

He said, "We pay the kids weekly — very 'weakly.' The amount varies from week to week and is based on what the child needs that week not on an hourly wage."

The children do not complain, because they know that their dad's method of payment is not because he is stingy but because he considers them partners in-business with him.

His theory is that children should be given two calves on the child's eighth birthday. He figures that if the child continues to have the calves bred, by the time the

(Turn to Page B3)

Family members include, from left: Alicia, 12; Kristen, 9; Sandra, 17; Brian, 6; David, Marilyn, and Michael, 15.

This dairy promotion presentation by Sandy received honorable mention at state pageant competition.

The kids enjoy tractor work on the family farm.

Sandra practices her dairy promotion for senior citizens on her grandparents, who have helped make props for her skit and given input on her presentation.

Homestead Notes

Togetherness Marks Family

(Continued from Page B2)

child is 20, he or she should have a small herd or at least enough animals to get them started in farming. Or, if they prefer, they can sell the animals to pay for college education or do whatever business endeavor they want.

"The savings keep multiplying," he said.

Unfortunately, Sandra, who is the oldest, said that she has had a lot of bad luck with he nimals. Although she does ow. .3 cows, she said that she really should have more, but one calf fell down the hay mow and others suffered similar misfortunates.

Gross said, "I don't push the kids into going into farming. I want them to decide what they want to do. Then my wife and I support their decision and do everything we can to help them reach that goal."

But he and his wife, Marilyn, are extremely proud that four high school students from non-farm backgrounds whom they hired part time liked farming so much that they are now in full-time farming.

Despite the high cost of farms, kids are able to start up in farming today, David maintains because "someone in their 20s can do almost anything he or she wants if they are willing to put in lots of hours and effort. And if they don't start up with new equipment and farm in counties with high-priced land such as Berks."

The children and the teen-agers who work on the Gross farm, are required to take a farm safety course.

"You can never be too safe," he said.

Operating equipment safely also has its recreational advantages. The bookshelves in the family's home are filled with more than 50 trophies for tractor pulls won by Gross and his son Michael.

"While most babies take teddy bears to bed, Michael took a tractor," Gross said.

Gross said that his philosophy for a happy family is dependent upon priorities.

"I don't put myself too near the top. I try to put God first, others second, and me third. That makes it easier for others to live with me," he said.

David and his wife, Marilyn, own 120 acres and farm 320 acres. In addition to 55 Holsteins and 60 heifers, they have 11 pigs, 3 horses, 1 pony, 70 ducks, 2 dogs, and 20 cats.

As much as Gross loves farming, he almost quit in 1980. That was the year, his herd got infected with bovine lacosis virus. He lost 12 cows in one year.

"It's like cancer — there's nothing to do to stop it," Gross said.

When he first contacted the Department of Agriculture, he said that they thought he was silly for being worried about the virus. They did not consider it to be a serious contagious disease.

According to David, it is estimated that 25 to 30 percent of cows have the virus but only 5 percent show clinical signs.

With those statistics, the Gross family does not understand why the virus was so insidious to their herd.

David said, "Back then, I said if I end up with less than 15 cows, I'm going to quit farming."

The herd dwindled to exactly 15. David did not quit.

"I started selling a lot of hay from the 500 acres I rented."

But David liked cows better than field work. From the hay profits, he began slowly to rebuild the herd to 60 head.

The memory of that loss brought some changes in the way Gross buys cows. He insists that every cow he purchases be tested for the virus. It costs $7 a head, but Gross is convinced it's worth it to have a certified-free herd. He believes testing should be a requirement for all cattle sold, and that people should be willing to pay more for a certified-free cow and for embryo transplant work.

The Gross herd went on test in 1984. They went from 14,000 pounds to 19,000.

Gross credits the increase to better feeding and management. Instead of selling his best hay, as he had been doing, he feeds it to his cows.

"It seems to work a lot better that way than trying to make up the lack with feeding supplements," he said.

Progressive changes have been made since Gross took over the family farm in 1963. He put in a pipeline and put up silos. He feeds a total mixed ration and is making a switch to a registered herd.

"Housing is coming from every direction," Dave said about the encroachment on their farmland. "I'm not sure that I want to be the last farm in the neighborhood."

They strive to maintain friendly neighborhood contacts by warning neighbors that they will be spreading manure so the neighbors do not hang out their wash or plan outdoor cooking.

Duck manure is spread on the fields.

"It really makes crops grow and it's a lot cheaper," Gross said. "It also smells like the pits."

Some of the neighbors told him, "We will pay for your fertilizer if you promise not to spread manure.

Dave said. "I told them it will cost $40 to $50 an acre for fertilizer."

Needless to say the neighbors withdrew their offer and vowed to put up with the smell.

"If my children want to farm, there isn't room to expand here," Gross said. "I may need to sell to help them buy farms in a more reasonably priced county."

Whatever the future holds, Gross said, "The farm belongs to the kids."

Marilyn said the farm's names, SMAK-B, is derived from the first initial of each child's name. For many years, it was called SMAK Farm. "Then Brian came as a surprise," she said.

Marilyn said that as a former city girl, she found it easy to adapt to working with the animals, but she has never been able to adjust to early rising. Although David goes to the barn at 5 a.m., Marilyn waits until after the children are at school before she feeds the heifers and helps in the barn.

Her enthusiasm for farm life spread to her parents who moved from New Jersey to live within a mile of the Gross's farm.

Marilyn said. "My dad helps out by fixing things — he is the mechanic."

David's parents live in half of the farm house during the summer months when his father works as a hired hand. In the winter, his parents vacation in Florida.

Sandra said, "If I didn't live on a farm, I would be lost. Everything I do — FFA, dairy princess responsibilities, 4-H — it is all centered around farming. It makes me feel good to know that I am filling my time with something worthwhile that will help me in the future."

Sandra received the FFA Keystone and Star Chapter Farmers Degree.

She is secretary of the Tulpehocken FFA. At school, Sandra is a member of the National Honor Society and the Prom Promise committee.

Sandra was one of 10 members of the Pennsylvania Council of Cooperatives who was sent to compete nationally at Colorado where she was chosen to be in the top five who will return as a leader next year.

She is active in the Mohrsville Church of the Brethren choir and youth group.

Fulfilling both Berks County and Pennsylvania alternate dairy princess duties takes precedent over everything else for Sandra.

She said, "I have other years to do other things, but this year I want to keep as busy as possible doing promotions. The worse thing for me is to sit at home without a promotion."

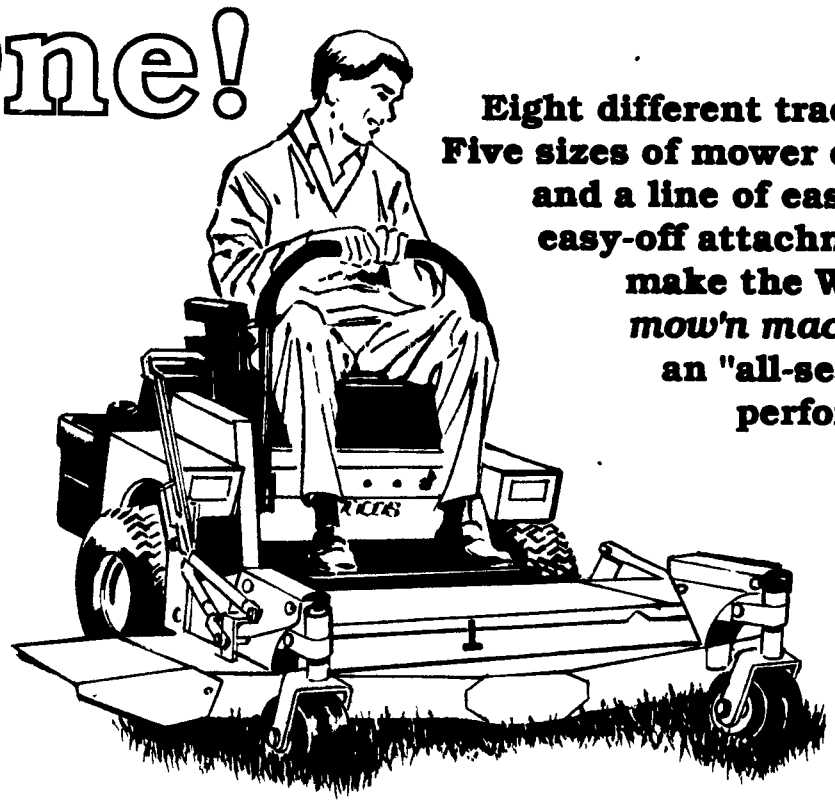
Sandra said, "Dreams take work. My goal as a dairy princess is to educate people, especially kids, about milk. Many children believe that milk comes from the supermarket."

She tells the children that the cow is responsible to keep the milk fresh, but once it is in the carton, it is our responsibility to put it in the refrigerator to insure its great taste and freshness.

She takes a bag of things used around the farm such as strip cup, balling gun, pill, syringe and tells

(Turn to Page B4)

The Versatile One!



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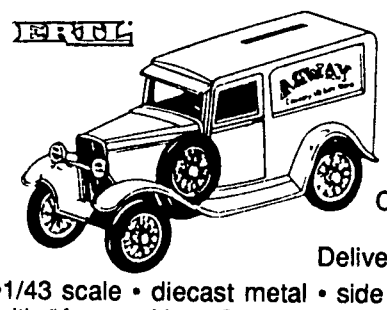

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TAKING TIME

by Rebecca Escott

Extension Home Economist

Turning Holiday Blues To Joy

I opened my advent calendar window this morning. Just 13 more days until Christmas Day! I am excited, but many people in our communities don't share my excitement. In fact, for some people the approaching holiday may be the loneliest time of year for them.

Any person can be a victim of loneliness regardless of age, marital status, or social-economic level. However, according to Dr. Glen Jenson of Utah State University, women, teens, and divorced people are the most prone to it. And a person may experience a greater sense of loneliness at particular times. Jenson lists winter as the loneliest season, Sunday as the loneliest day of the week, and late night as the loneliest time of the day.

You can have an active part in helping a person turn her holiday blues into joy. One way to combat loneliness is to volunteer within the community. Could you provide transportation or issue the invitation to someone who may be alone during the holidays so that he could volunteer to help at an event? Maybe your neighbor could help you deliver packages to homes. A young single person may be thrilled if you ask her to chaperone a high school dance or band trip.

A person can be also overcome his loneliness by planning something important or interesting for future days. This gives the person a reason to get up in the morning and get dressed — even "dressed up". If you are planning a visit to a neighbor, you can actually heighten the joy by calling a day or two in advance to ask if it would be okay to stop by or to confirm your visit time. To make the visit less hectic for you, you may want to schedule it after December 25. But drop a card in the mail to your friend now.

Exercise and a balanced diet help fend off the possible loneliness of the winter months. If you suspect that a family member may not be eating well, you could invite that person to join you for a meal. Improper nutrition can actually contribute to a person's feelings of depression, discouragement and loneliness. A mug of hearty soup and a warm conversation may be "just what the doctor ordered." Also encourage the person to exercise with you. Do you take morning or afternoon walks? Who could you invite along for company? Another way to help your friends conquer their sadness is to ask them to share talents. Does your neighbor bake a special holiday recipe? Ask her to bring her recipe and join you in your kitchen for a morning of baking. I always seem to need an extra hand when wrapping gifts. Again, include an isolated person in this activity. Show them that they are needed. Put them to work tearing tape, holding a ribbon in place or cutting paper.

Children and animals have a magical way of helping turn holiday blues into joy, too. Keep that in mind as you reach out to help someone who may be particularly lonely this month. A visit from young carolers or a stroll with your dog can be gifts of joy.

Perhaps one of the best tips for helping someone deal with the losses and changes that often result in loneliness is to be a good listener. Be prepared for laughter and tears. Both are healthy parts of coping. You may have heard of the proverb, "A joy shared is doubled, a sorrow shared is halved." It's true. The first step in being a good listener is to stop talking. Silence, like tears, is also okay. Use the phrases, "I know just how you feel" and "Things will be all right" less often. Instead try, "Tell me about it" or "How did that make you feel?" By all means, it is okay to talk about special people who have died or who are living far away. A gentle touch on the hand, back or shoulder and eye contact can communicate your concern.

As you approach the last few weeks of this holiday season, take a few moments out of your own schedule to reach out to an isolated person and help them turn their holidays to joy.

Rebecca Escott is a Home Economist with Penn State Cooperative Extension in Lehigh County.

Marilyn, right, said that it was in her marriage contract that her husband would buy her a horse after they married. He did. And, now her daughter Alicia shares her passion for horses.

Togetherness Marks Family

(Continued from Page B3)

the children about the use of each item.

Sandra also enjoys visiting senior citizens where she gives them a quiz that compares products and teaches them to read labels.

Sandra continues to milk evenings and weekends at home when she isn't doing promotional work.

"Everyone in the family is willing to work at home so that I can go to a promotion," she said.

She was thrilled that her sister wanted to take the "Dairy Princess" to school for Show and Tell.

Her peers are also supportive and offer to help with promotional activities.

Sandra said her friends have nicknamed her Cow Queen, Dairy Queen, and Milk Queen.

In the state competition, Sandra received honorable mention for her scrapbook and skit. Her skit is based on a space age theme.

In the state competition, Sandra received honorable mention for her scrapbook and skit. Her skit is based on space age theme.

With all her responsibilities, Sandra has time for only four to five hours of sleep each night.

"But it's worth going without sleep to see all the satisfied people," she said.

After high school graduation, Sandra plans to attend either Kutztown or Penn State University. She wants to be a child psychologist. Her experience with dairy princess classroom demonstrations confirms how much she loves working with children.

But, she also loves the farm and that promises to play a major role in her future."

"Hopefully, I'll marry a dairy farmer," she said.

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On being a farm wife - And other hazards

Joyce Bupp

Yes, it's about that time of year.

The annual flashlight drought season is upon us.

That flashlight drought has again rolled around became apparent a few nights ago, when I remembered after milking chores that feed in the upper, unlit area of the old barn needed to be moved to finish evening chores.

As usual, this close to the holidays, no working flashlight was close at hand.

"Well, it's about that time of year," the Farmer predicted as I noted that we are in need of a flashlight restocking. Flashlights are a standard gift item around here, in recognition of the fact that there's not always a working one where or when you need it.

Even my good household recharageable one—which I guarded for a couple years via death threats—has vanished without even a hint of a ransom note. From conversations with other farm families over the years, I gather this is not a problem unique to this farmstead.

So, in recognition of the gift-giving season, a flashlight on a leash might be appropriate for a farmer and would mightily please a helpmate kept in-the-dark.

Also, a supply of batteries that keep going and going despite being accidentally left on under the combine or run over by the four-wheeler during roundup of a bunch of ornery heifers.

Self-destructing barn hats would bring smiles to her face, even if not to his. Heat buildup generated by an eighth-inch thick layer of manure would automatically cause such hats to meltdown into a lump of shriveled threads.

(I've read advice that favorite hats can be cleaned without destroying their shape by running them through a dishwasher cycle, safely located on the upper rack. Not in MY dishwasher.)

How about a heavy-duty, self-cleaning device for the interior cab of a pickup truck? Car wash certificates might be effective for the floors and vinyl upholstry but you stand to lose to high-pressure suds all those parts receipts, grain weight slips, maybe even the checkbook.

An exploding airbag which activates when the door opens would blast out all the accumulation, separate it from the layer of field dust and allow retieveal of useful items in the safety and fresher air of the surrounding outdoors.

Wallets with home-honing devices - kinda' like racing pigeons - would save a lot of frustration and hunt time. Women's handbags are the butts of jokes aplenty, but how many accidentally go through the laundry like any number of farmers' forgotten wallets I've heard tales of? (And found.)

Gift him with one of those lightweight nylon sport wallets with Velcro fasteners that at least won't disintegrate between rinse and spin cycles.

Speaking of Velcro, if he is forever destroying watch bands on miscellaneous protuding parts of equipment and buildings, how about a Velcro watch band? The Farmer has field-tested such a device, invented after breaking a stretch-type watch band for the umpteenth time.

Left with only the still-ticking watch face, he stitched the bare, round timepiece to a Velcro leg band used for marking newly-calved cows, whipped it 'round his wrist and headed for the field. The watch face wore out before the band did. But you can always recycle the band back to barn use.

Or use it to hold tie-back curtains in place.

And what farmer doesn't need a pocketknife? Mine favors those small, flat types that aren't so bulky to carry around; I favor them because they don't wear holes in the pocket quite so fast. But they get lost more quickly than the multi-tool, Swiss-army types.

Keep that in mind as you finish shopping for flashlight leashes. And pick up a matching one for the pocketknife.

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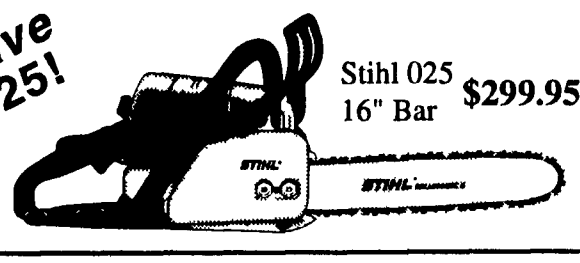

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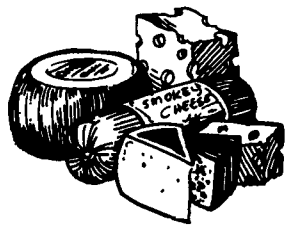
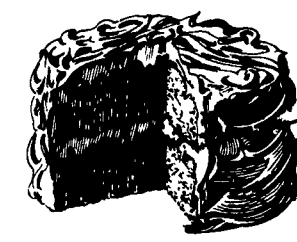
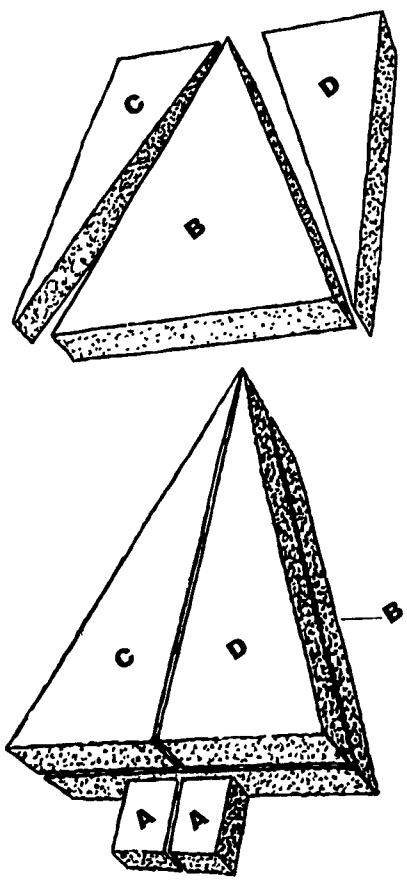


Home On The Range



Holiday Desserts For Celebrating

Need some ideas to help make your holiday feast glorious in taste and appearance? Here are some great creations that are sure to become family favorites.



TRIM-A-TREE CAKE

Cake:

1 package (18.25 ounces) butter recipe yellow or white cake mix
3 eggs
½ cup plain yogurt
⅓ cup water

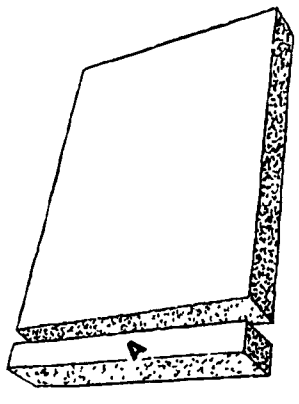
Buttercream frosting:

½ cup butter, softened
4 cups confectioners' sugar
3 tablespoons milk
½ teaspoon vanilla extract
5 to 6 drops green food color, optional

Preheat oven to 350 degrees. For cake, place all ingredients in large mixer bowl. Beat on low speed until moistened. Mix at medium speed 2 minutes. Pour batter evenly into buttered 13x9-inch baking pan. Bake 20 to 25 minutes, or until wooden pick inserted in center comes out clean. Cool 10 minutes; remove from pan.

For frosting, cream butter in large mixer bowl. Add confectioners' sugar, milk, and vanilla. Beat until smooth. Add additional milk if necessary for softer spreading consistency. Add food color, if desired.

To assemble, place cake on large tray or piece of cardboard covered with foil or foil wrapping paper. Cut as shown in diagram (save remaining scraps for snacks). Frost with buttercream frosting. Decorate with holiday candies and sugar sprinkles to resemble Christmas tree.



Decorate your holiday table with this Trim-A-Tree cake.

DAIRYMAN'S DELIGHT

2 cups graham cracker crumbs
½ cup butter, melted
1 cup whipping cream
8-ounce package cream cheese
1 can sweetened condensed milk
1 envelope plain gelatin
¼ cup cold water
1 teaspoon vanilla
½ cup lemon juice
1 cup sour cream

Combine cracker crumbs and butter. Line 9-inch deep dish with ¾ cup of crumb mixture. Stir lemon juice into cream, let stand 10 minutes. Mash cream cheese. Gradually beat in condensed milk and mix until smooth. Add gelatin to water, dissolve over hot water. Whip lemon cream mixture until it begins to stiffen. Pour in cream cheese mixture and continue beating until well blended. Stir in gelatin and vanilla. Pour into crumb-lined pan and sprinkle top with remains of cracker crumbs. Spread top with sour cream. Refrigerate two hours. Serves eight.

CRISPY CRUNCH SUNDAE

8 tablespoons butter
1 cup light brown sugar
4 cups oven-toasted rice cereal, crushed
1⅓ cups chopped walnuts
1⅓ cups flaked coconut
2 quarts ice cream

Melt butter in skillet, add sugar, and heat slowly, stirring until well blended. Add crushed rice cereal. Toss well to coat. Remove from heat; add nuts and coconut. reserve 1⅓ cups cereal mixture for topping. Spread remaining cereal mixture in a 13x9-inch pan. Spread ice cream over mixture. (I slice the ice cream into thick slices and put them over the mixture). Sprinkle with 1⅓ cups of cereal mixture over ice cream. Freeze. Cut into squares to serve. Top with hot fudge or strawberries. Also good with topping!

Pamela McConnell
Beaver-Lawrence
Dairy Princess

TOYLAND TRUFFLES

¾ cup whipping cream
8 ounces bittersweet or semi-sweet chocolate, finely chopped
1½ tablespoons coffee or water
¼ cup butter, softened
Unsweetened cocoa, confectioners' sugar or granulated sugar

Place cream in 1-quart microwaveable glass measure or bowl, and microwave uncovered on high just until boiling, about 2½ minutes. Add chocolate and stir until melted. Add liquid and stir until well blended. Cool just to room temperature; stir in butter until smooth. Refrigerate or freeze, covered, just until firm enough to shape. Using your hands, shape truffle mixture into 1-inch balls and roll in cocoa or sugar. Store in refrigerator up to 1 week. Remove from refrigerator, about 10 minutes, before serving.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

December

19- Homemade Food Gifts
26- New Year Celebration

January

2- Soups and Stews
9- One Dish Meals

Featured Recipe

Versatile cheese spreads for every occasion are found in this new leaflet from American Dairy Association. Most take just minutes to prepare. Many can be made with the most basic on-hand ingredients. Flavor combinations range from Tex-Mex to Italian and sweet to savory — all are delicious. They're great for spreading on everything from crackers to toast, muffins, bagels, fresh veggies and more.

To order your copy of Delectable Spreadables, send 25 cents plus a self addressed, stamped business-size envelope to:

Delectable Spreadables
American Dairy Association
P.O. Box 760
Rosemont, Illinois 60018

Cheddar Apple Snacks
Yield: 1 cup

1 cup (4 ounces) shredded Cheddar cheese, at room temperature
1 package (3 ounces) cream cheese, softened
⅓ cup finely choppsed pecans
1 tablespoon milk
¼ teaspoon nutmeg
3 medium apples
Fresh lemon juice
Crackers, if desired

Beat cheeses in small mixing bowl until light and fluffy. Stir in nuts, milk and nutmeg. Chill covered, 3 to 4 hours to blend flavors. Remove from refrigerator while preparing apples. Core unpeeled apples and cut into ½ -inch thick slices Dip in lemon juice to prevent darkening. Spread each slice with cheese mixture. Put back together to reshape half or whole apples.

Serve with crackers on the side.
Serving size: ½ filled apple
Calories per serving: 210
Protein 7g, fat 16g, carbohydrate 13g
Calcium 158mg, riboflavin (B_2) .12mg

One Homeless Person In Every Four Is A Child

NEW YORK, NY — An increasing number of Americans are taking action to help the growing number of homeless people throughout the nation, studies show.

According to the National Alliance to End Homelessness, approximately 750,000 persons are homeless on any given night and up to 2.5 million people become homeless in the course of a year.

Those numbers may just be a small indication of the homeless problem. Other organizations, such as the National Coalition for the Homeless, estimate there are at least three million homeless people in the U.S. Not all are on the streets or in shelters. Some are staying with friends or relatives; others, in rural areas, are living in something less than housing—shacks or chicken coops, open to the elements, without plumbing.

The causes of homelessness are many, from lack of affordable housing—long gone are the days when one week's paycheck could pay a monthly rent or mortgage bill— to economic recession, cutbacks in Federal entitlement programs and inadequate mental and physical health care.

Helping to make a difference for the homeless is a community outreach program called Campaign Clean, created by Lever Brothers in coordination with the National Alliance to End Homelessness. Along with helping to provide homeless shelters with clean, warm clothes during the winter, Lever will donate a year's supply of detergent and fabric softener to a shelter program in each "Campaign Clean" region, conduct clothes drives at each of Lever's plants and administrative locations, hold educational forums at schools to address the problem of homelessness on a national and local level and offer community service initiatives for work to help the homeless.

Estimates are that 2.5 million people become homeless every year.

You can also take action to help the homeless:

- Join national, state or local homeless coalitions.
- Inform others about homelessness by talking to a group to which you belong, writing to a local newspaper or by calling in to radio talk shows.
- Donate food, blankets or clothes to local social service agencies.
- Call or write for more information: Lever Brothers Consumer and Public Relations, 390 Park Avenue, New York, NY 10022; 1-800-598-1223.

The Christmas tree in Germany, Europe and the United States... The first recorded reference to the Christmas tree dates back to the 16th century. In Strasbourg, Germany, families both rich and poor decorated fir trees with colored paper, fruits and sweets. The retail Christmas tree lot also dates back that far — in those times, older women would sell trees harvested from nearby forests in the marketplace.

Ida's Notebook

Ida Risser

Last week I took the time to look over a sheaf of papers that my cousins gave me a few years ago. These bills spell out the price of things at the time of my grandfather's death in 1900.

He met a sudden and tragic death as a train in Lancaster struck his team of horses. He had just sold a load of wheat and was returning home. The story is told that he had bought bananas for my mother, who was five years old at the time, as they were her favorite fruit.

I find it interesting to compare bills, that were part of his estate, to present day prices. John Wolf, the undertaker, was paid thirty-three dollars for the coffin and for his services. Nowadays the price tag would be four figures.

A meal was served after the funeral and the baker's bill says 60 loaves of bread $3, 30 dozen buns $3, and 20 dozen rusks $2. The storekeeper also submitted a bill and some items were 90 pounds of cheese at 15¢ a pound, 25 pound prunes at 9¢ a pound, 22 pounds of raisins at 11¢ a pound, 8 pounds of coffee at 25¢ a pound and 6 quarts of syrup at 8¢ a pound. The butcher's bill was for $16 worth of beef. "The New Era Printing Company" ask 40¢ for the funeral notice and later sale bills cost $5 to be printed.

The inventory of his estate included such items as sleigh, top buggy, trotting buggy, and market wagon all for $45. Bed, bureau, 3 chairs, carpet and wash basket all for only $12. Another price of $50 is put on a "lot of chickens." One larger item is 5 cows, 2 heifers and 1 bull for $195. All of the machinery listed would not buy one piece today.

Grandmother Landis moved off the farm the next spring and moved into a two-story frame house in the village of Oregon. She had to pay $1,500 for the dwelling and a small barn. That is where my mother grew up.

Merry Christmas

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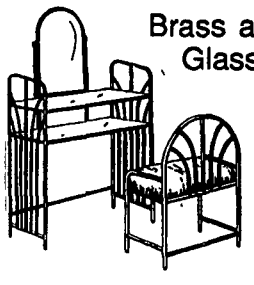

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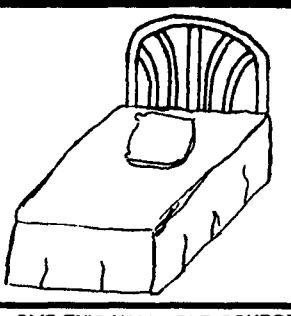

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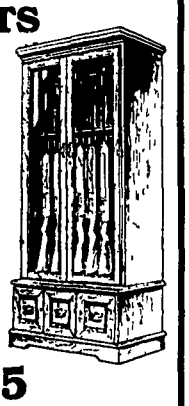

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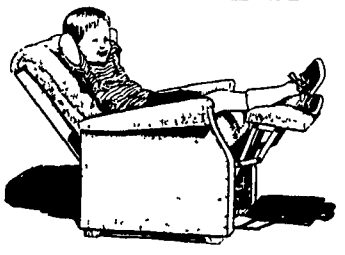

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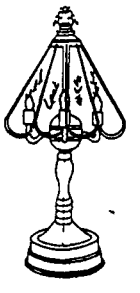

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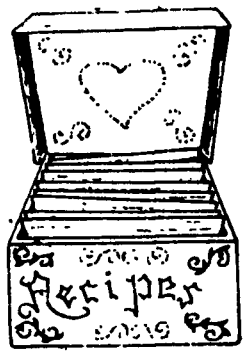

Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Lou Ann Good, Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Melva McElwain, White Hall, Md., would like a recipe for potato stuffing like that served at Miller's Restaurant in Lancaster.

QUESTION — Ella Rissler, Port Trevorton, would like a recipe for blackberry freezer jam for diabetics.

QUESTION — Florence Nauman, Manheim, would like a recipe for mulled cider angel food cake.

QUESTION — Jane Heckman, Effort, would like a recipe for a white cake that has sour cream in the batter. After pouring the batter in the baking pan, it is drizzled with melted chocolate chips and baked. When you eat the cake, you find swirls of thick chocolate.

QUESTION — Anne Good, Lititz, would like a recipe for sesame chicken soup.

QUESTION — Georgia Bond, Gandeeville, W. Va., would like a recipe for canning strawberries with epsom salts.

QUESTION — Georgia Bond, Gandeeville, W. Va., would like a recipe for chicken pot pie, pepper cabbage, and funnel cakes like those made by the Grange at the Reading Fair.

QUESTION — Alice Steere, Chepachet, RI, would like the recipe for the gravy McDonald's serves on its biscuits and gravy around the Columbus, Ohio area.

QUESTION — Dee Vogelsong, address unknown, would like to know where she can purchase small (about 8 ounce) jars and lids, which will be used to sell horseradish and mustards.

QUESTION — Jennifer Rake, East Stroudsburg, would like to how and when to harvest dry soybeans and how to roast them.

QUESTION — A reader from Mercersburg would like a recipe for sour dough.

QUESTION — Charles Creasy, Wrightsville, would like recipes for making turtle meat, especially turtle soup.

QUESTION — Lydia Riehl, Quarryville, would like to have a recipe for Turtles, a caramel and pecan candy coated with chocolate.

QUESTION — Marion Steger, Groton, N.Y., would like the recipes for Aunt Effie's Hillsborough Moist Apple Nut Layer Cake with butterscotch frosting and the Turn-Of-The Century Cake.

QUESTION — Linda McCuean, New Galilee, writes that her 15-year-old son eats breakfast cereal like there is no tomorrow. She would like a recipe to transform plain shredded wheat cereal into the frosted variety.

QUESTION — Judy Mothersbaugh, Spring Mills, would like a recipe for Harvest Pie such as that served at Brookpark Farm Inn Bed and Breakfast In Lewisburg. It is a one-crust pie with a bottom layer of mincemeat and a top layer of pumpkin. Judy has tried to duplicate this recipe with no success. When she pours the pumpkin over the mincemeat layer, the two layers blend.

QUESTION — Susan Howard, Mt. Pleasant Mills, would like a recipe for lemon poppy seed muffins made with sour cream such as those served by Kathryn Flint's Restaurant in Jim Thorpe.

ANSWER — Pauline Martin, address unknown, would like to have a recipe for turnip slaw. Thanks to Nancy Beiler, Mifflinburg, who sent a recipe. Nancy is recuperating from surgery and is making good use of her time by sharing some of her recipes.

Turnip Slaw

Pare and grate 6 medium-size turnips.

Make a dressing of the following ingredients and pour the mixture over the grated turnips.

⅔ cup sour cream
2 tablespoon vinegar
2 tablespoon sugar
1 teaspoon salt
2 tablespoons minced parsley

ANSWER — A Northumberland County reader wanted a recipe for cinnamon flop. Thanks to Dottie Youtz, Easton, Kay Foxor, New Oxford; Shirley Nace, Richfield, and others for sending recipes.

Cinnamon Flop Cake

Cream together:
1½ cups sugar
¼ cup shortening
Add:
1½ cups milk
3 teaspoons baking powder
3 cups flour

Mix well. Pour into greased 9x13-inch pan. Dot generously with butter. Sprinkle on top:
¾ cup brown sugar
1 teaspoon cinnamon

Poke holes in batter with round end of wooden spoon. Bake at 375 degrees for 30 to 40 minutes.

ANSWER — Lois Matter, Millersburg, wanted a recipe for Roly Poly. Thanks to Denis Angstadt, Oley, for sending a recipe.

Blueberry Roly-Poly

½ cup shortening
½ cup brown sugar
½ cup molasses
1 egg
2¼ cups flour
½ teaspoon salt
½ teaspoon baking soda
½ cup boiling water
1 teaspoon cinnamon
½ teaspoon nutmeg
1½ cups blueberries

Cream together shortening and sugar. Add egg and molasses; beat until light. Sift flour, measure and add salt and spices. Sift again. Dissolve baking soda in boiling water. Add dry ingredients alternately with hot water. Mix well. Fold in floured berries. Pour into greased baking pan and bake at 350 degrees for 35 minutes. Serve with the following sauce:

1 cup sugar
1 tablespoon flour
½ cup boiling water
¼ teaspoon salt
1 egg, beaten
1 tablespoon butter
¼ cup sweet cream
1 teaspoon vanilla

Combine sugar, flour, and salt. Slowly add boiling water and stir to a smooth paste. Cook sauce for 3 minutes, stirring constantly. Add beaten egg and cook 1 minute longer. Remove from heat and add butter, cream, and vanilla. Stir until well blended. Serves 6 to 8.

ANSWER — A reader would like a recipe for a blueberry dessert. It has blueberry pie filling, grape Jell-O, and crushed pineapples in it. Thanks to Jean Houseknecht, Muncy, for sending a recipe.

Blueberry Jell-O Salad

2 3-ounce packages grape flavored Jell-O
2 cups boiling water
20-ounce can crushed pineapple
1 can blueberry pie filling

Topping:
8 ounces cream cheese, softened
½ cup dairy sour cream
½ cup sugar
1 teaspoon vanilla
½ cup chopped nuts

Dissolve gelatin in boiling water. Chill until syrupy. Add pineapple and pie filling. Pour into 12x8x2-inch dish. Chill until set.

Topping: beat ingredients except nuts until smooth and creamy. Spread evenly over salad. Sprinkle with nuts.

ANSWER — Georgia Bond, Gandeeville, W. Va., would like a recipe for apple fritters. Thanks to Susan Weaver, Richfield; Wendy Schott, Hanover, and others for sending recipes.

Apple Fritters

Sift together:
1 cup flour
2 tablespoons sugar
1½ teaspoons baking powder
½ teaspoon salt

Add:
½ cup plus 1 tablespoon milk
1 egg, beaten well
1½ cups apples, chopped

Combine dry ingredients. Beat egg and add milk. Pour into dry ingredients. Stir until the batter is smooth. Pare and thinly dice apples. Add apples to batter and blend. Drop by spoonfuls in hot oil. Fry until golden brown on all sides. Makes 12 to 15 fritters.

(Turn to Page B9)

Desserts

(Continued from Page B6)

KENTUCKY DERBY PIE

½ cup chocolate chips
2 beaten eggs
½ cup butter, melted and cooled
1 cup nuts
1 cup sugar
½ cup flour
1 teaspoon vanilla

Mix sugar, flour, eggs, and butter. Add chocolate chips, nuts, vanilla. Mix well and pour into unbaked pie shell. Bake at 350 degrees for 40 to 45 minutes.

Beverly J. Hoover
Thomasville

SAWDUST PUDDING

2 cups crushed graham crackers
2 cups milk
3 tablespoons sugar
2 teaspoons baking powder
1 egg
1 teaspoon vanilla
½ cup raisins
½ cup nuts

Blend together crackers, sugar, baking powder. Beat egg; add milk and vanilla. Stir into cracker mixture. Add raisins and nuts. Pour into steamer and steam 2 or 3 hours.

2 cups milk
3 tablespoons sugar
½ cup butter
3 tablespoons cornstarch
1 teaspoon vanilla

Melt butter and blend in cornstarch. Add sugar and milk. Cook over low flame. Stir until thick. Add vanilla. Serve pudding with sauce.

Pamela McConnell
Beaver-Lawrence
Dairy Princess

MAKOWNIK
Polish Poppy Seed
Christmas Cake

¾ cup lukewarm milk
1 package active dry yeast
4 tablespoons confectioners' sugar, divided
2½ to 3 cups flour
2 eggs, lightly beaten
½ teaspoon vanilla extract
1½ teaspoons grated orange peel
½ cup unsalted butter, softened, divided
12½ ounces poppy seed filling
½ cup raisins
1 egg white, lightly beaten

Combine milk, yeast, and 1 tablespoon sugar in a small bowl. Let mixture stand in warm place 10 minutes or until bubbly. Combine 2 cups flour and remaining 3 tablespoons sugar in a large bowl. Stir in yeast mixture, eggs, vanilla, and orange peel. Add 6 tablespoons butter, 1 tablespoon at a time. Continue stirring until mixture forms a soft dough, adding additional flour if necessary, a small amount at a time. Dough should be slightly sticky. Knead dough on lightly floured surface until smooth and elastic, about 5 minutes, add additional flour if necessary to prevent dough from sticking. Place in lightly buttered bowl, turning once so all sides are buttered. Cover; let rise in warm draft-free place until dough doubles, about 45 minutes to 1 hour.

Punch down dough. On lightly floured surface, roll into 15x10-inch rectangle. Spread remaining 2 tablespoon butter over dough, leaving 1-inch border. Spread poppy seed filling over dough; sprinkle with raisins. Starting with long side, roll dough jelly-roll fashion. Place seam side down on buttered 15x10-inch pan, turning under ends. Cover; let rise in warm draft-free place until dough doubles, about 45 minutes to 1 hour. Brush with egg white. Bake in 325 degree oven for 30 minutes or until golden brown. Cool on wire rack.

Have You Heard?

By Doris Thomas
Lancaster Extension
Home Economist

Navel Oranges Brighten Holiday Season

Oranges have played an important role in holiday traditions for many years and in many lands. From the boar's head with an orange in its mouth in Merry Olde England, the Swiss children's clogs filled with oranges and nuts, to the stocking hung at the mantle, with an orange in the toe of each, the star has been the fresh orange. And for over 100 years, the seedless navel orange has been the traditional holiday fruit. The good news is there are plenty of navel oranges for this year's holiday season.

So don't forget to include navel oranges on your shopping list. They make wonderful gifts! For early planners there are the fragrant pomander balls you can make, or perhaps a few jars of your very special marmalade or preserves. For last minute gifts, a basket of navel oranges or a selection of navels with other winter fruits is always welcome. And be sure to have a bowl of navels around for everyone to enjoy, especially those who are watching their weight. The bright orange color and juicy sweet refreshment makes navels the perfect holiday fruit.

Fresh lemons are also a popular fruit during the holidays. Whether it's adding a distinctive flavor in the water glass, giving zest to a holiday salad or vegetable, or show-cased in a delicious dessert, the aromatic lemon is welcome. There will be plenty of lemons in local markets and quality should be excellent, so be sure to enjoy. And if you have friends who are counting calories or reducing sodium, put a few lemons in your fruit basket gifts. They'll appreciate the thought.

Grapefruit coming from California and Arizona has excellent quality, with good texture, shape, exterior appearance and interior color. And if you are a tangerine fan you'll be glad to know that the volume of most western-grown varieties is increasing. Watch for Fairchilds, Orlandos and Minneolas in local markets to use or give to friends during the holidays. Pummelos, or Chinese grapefruit, will also be in markets for holiday enjoyment.

Here's an easy-to-make idea that is the answer to any last minute gift-giving need. A trip to the supermarket supplies all the items needed. Start with a large basket with a handle. Head for the produce department and select a variety of colorful citrus... grapefruit, tangerines, navel oranges and tangy lemons.

Next stop is the gourmet food department. Have fun selecting an assortment of "gourmet delights"... small cans of pate or smoked salmon; little jars of marinated artichoke hearts or tall jars of fancy stuffed olives; or select from the vast array of flavored mustards. Add a sweet flavor with a chutney or a jalapeno pepper jelly. Pick up a package or two of holiday cocktail napkins.

You now have the markings for a gift that is sure to be enjoyed when received and when eaten. Half fill the basket with citrus, then add your selected food items. Wrap it all in cellophane or simply add a big bow and a holiday ornament or sprig of holly.

Cook's Question

(Continued from Page B8)

ANSWER — J. Waring Stinchcomb, Suitland, Md., wanted a recipe for condensed milk. Thanks to Nancy Beiler, Mifflinburg, for sending a recipe.

Sweetened Condensed Milk

½ cup boiling water
3 tablespoons butter
½ cup granulated sugar
1⅓ cups instant dry milk

Combine water, butter, and sugar in blender. Add dry milk powder. Equivalent to 14-ounce can.

Because salt acts as a preservative, salted butter has a longer shelf life than unsalted butter. Unopened, wrapped salted butter may be kept in the refrigerator several weeks or several months in the freezer. Unsalted butter is best kept in the freezer until ready to use. They are interchangeable in recipes, although many cooks prefer the unsalted type for baking.

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Kid's Korner

United States Post Office: A Busy Place At Christmas

GAY N. BROWNLEE
Somerset Co. Correspondent

CUMBERLAND, Md. — About the time that you hear words like, "Christmas is just around the corner," you can bet that the people who work in post offices are getting very busy.

You see, it's because of these folks that you and I can receive Christmas cards and surprise packages addressed in our very own name.

And that's exciting stuff! I know, because I'm still a kid at heart, myself. I get all goose-bumpy when a package or card arrives and I don't know until I open it who sent it to me.

Anyway, the United States Postal Service can be used by anybody, even you, to send cards, letters, packages, magazines and newspapers practically anywhere in the world.

At Christmas time, the mail delivery person is very important. He or she helps us to send out mail to someone we love who is far away, or to help the person far away mail something to us.

Yes sirree! The post office people are friends who help us every day. We need to respect them.

Of course, we pay to send our mail. Usually, how much we pay depends on the weight of our letter or package and also how soon we want to have it arrive where it is going. The postal clerk and your parents can help you make these important decisions.

A really nice gentleman at the Postal Operations Sectional Center in Cumberland, Md. told me all about the Postal Service. He showed me how the mail is sorted and distributed by hundreds of workers who use very smart machines.

His name is Russ Dennison. He said he is the superintendent of Postal Operations. He is managing the sectional center. Everywhere we went Mr. Dennison stopped to talk to the workers to see how they were doing. That's how I knew he was nice man who liked to help people.

Mr. Dennison said the workers are busiest at evening dinner time and in the wee hours of the morning when most of us are sound asleep. That's so everybody's mail can be at the right post office when it opens the next day. The mail bags are loaded into big trucks and driven to post offices in other cities and towns. The Postal Service can also use airplanes and ships to take our mail to far away places.

That brings us to the ZIP code part of the address. The ZIP code has five digits, or numbers, right now. Mr. Dennison says that soon we will all need to use a nine-digit ZIP code. Automated machines can use a special process to read the ZIP code. Then it is sent to the right mailman who brings it to our mailbox.

So when you write the address on mail you are sending be very careful to write numbers neatly. We don't want the machine to think a "two" digit is a "nine" digit, or the item might mistakenly go to the state of California. That could make somebody unhappy if they didn't get their gift in time for Christmas. And it would make more work for the postal employees who have to handle it by itself, away from the other mail.

One clerk who handled the most important mail had an office that looked like a cage. Mr. Dennison let me talk to him through an open window, but I was not allowed to go inside. That clerk processes "registered mail."

Did you ever hear of a "philatelist?" That's a person who studies and collects postage stamps, postmarks, and stamped envelopes. Usually it is a hobby. A philatelist has his collection on display at the Cumberland Post Office so visitors can see it. If you would like to be a philatelist, ask your postmaster how to begin collecting stamps.

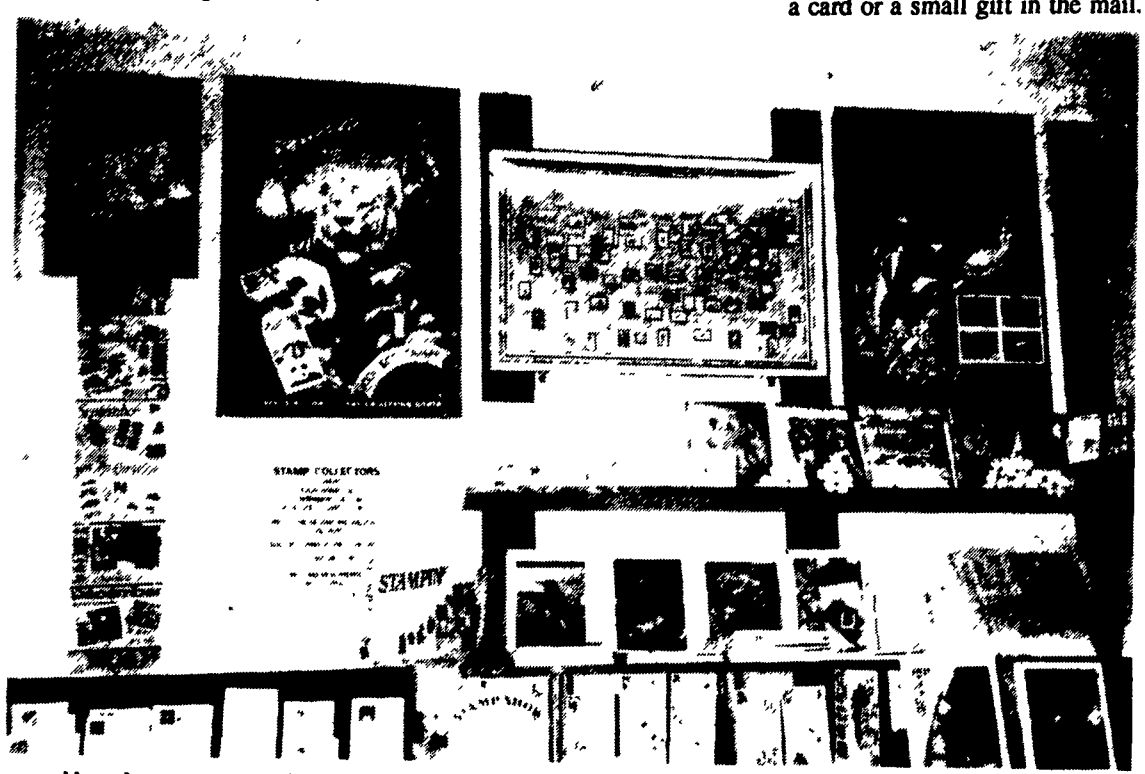
Kids can start a Ben Franklin Stamp Club in their area and work together on a collection. Just ask the local postmaster how to start it.

Last of all, I'm asking God to bless all you, my good young friends with a wonderful Christmas and New Year celebration. Don't forget to help the unhappy kids. Maybe you could send them a card or a small gift in the mail.

Little Patrick Serpone, aged two years, is on the stool at the mail collection box that says "Merry Christmas" on its side. Some kids wrote letters to Santa Claus and put them inside this box. Patrick's parents are Michael and Susan Serpone from Cumberland.

Mr. Russ Dennison, left and John Cooper are on the inside of the mail loading dock with mail ready to be dispatched to Hagerstown, Md.

Rose Anne Miller, a distribution clerk, is sorting local mail in her small area.



Here is a stamp collection display located in the Cumberla t, Maryland Post Office. It belongs to a local stamp collector or philatelist.

Ten Tips To Cut Holiday Expenses

COLLEGE PARK, Md. — Fortunately, a scaled-back Christmas or Hanukkah can still be special, says Dr. Mary J. Stephenson, a family resources management specialist with the Cooperative Extension Service, Maryland Institute for Agriculture and Natural Resources.

Stephenson suggests the following tips to avoid spending beyond your means this holiday season:

1. Determine how much money you can realistically afford to spend on holiday gifts, entertainment, etc. Include such "hidden" expenses as travel, long-distance phone calls, decorations, wrapping paper and ribbons, cards and postage. Estimate what you can spend for each category and record your actual expenses afterward to help in next year's planning.

2. Comparison shop and take advantage of sales. This involves planning ahead and taking time to check several places for the gift you want. It's especially important with toys because the prices sometimes vary considerably from store to store.

3. Check out yard sales, flea markets and holiday fairs; they can be sources of unexpected, inexpensive treasures, such as classic books, vintage jewelry and quality handmade items.

4. Give gifts of service. Coupons that the recipient can return to the giver in exchange for a service, such as babysitting, house painting, yard work or dinner preparation (and clean up) are appreciated by friends and relatives, especially those with hectic schedules.

5. Make cards, gifts and decorations. Homemade bread or cookies; a hand-knit sweater; or a child's finger painting represent a labor of love and are valued accordingly. Decorations made with colored paper and glitter, chains strung with popcorn or cranberries, and vases filled with holly and other evergreens from your yard add a sense of personalized beauty to any home.

6. Choose lightweight gifts for mailing. It's just as easy to find a nice gift that weighs several ounces as one that weighs several pounds, and a lighter gift costs less to send.

7. Mail cards only to friends and family you won't see during the holiday season. You can hand-deliver cards to neighbors and co-workers, or simply extend verbal holiday greetings in person.

8. Reuse bows and wrapping paper when possible. Wrapping paper can often be used at least twice, and bows can brighten packages year after year. This form of recycling also makes good environmental sense, limiting the amount of waste destined for landfills.

9. Host a potluck holiday party. Most people attend parties to enjoy the company of friends old and new — not to get a free meal. Chances are, they won't mind contributing something to eat or drink.

10. Pay cash. Charging can lead to overspending. Then, when the bills for gifts, party food and decorations arrive in January, many people find they can't pay them off.

Farm Women Societies

Berks Society 3

Group 3 of the Berks County Society of Farm Women held its November meeting at the home of Regina Moyer, Boyertown R.D. Eleven members attended.

Christmas cheer will be distributed to shut-ins at Christmas time. Donations were made to the Hamburg Center, the Reading Food Pantry, and to DARE.

The State Convention will be held on Monday, January 11, in Harrisburg. Several members from Group 3 will attend.

Winners in the sweet potato dress-up contest were Jeanette Miller, Mayetta Shane, and Eleanor Bissinger.

The next meeting will be a family-style Christmas banquet at Christopher's in Bechtelsville on Tuesday, December 29. A $5 gift exchange will be featured.

York Society 11

York Co. Farm Women, Group #11 met at the home of Melba Dise. The meeting was called to order by the new president, Mary Winemiller. All present joined in singing "Come Ye Thankful People Come." Scripture read was the 100 Psalm and prayer by Mildred Bupp.

Roll call was conducted with each person responding by telling the first thing done to get ready for Christmas. There were 16 members present.

The treasurer reported an October balance of $382.45 with some outstanding bills.

A discussion on the State Convention at Harrisburg in January resulted with Mildred Bupp and Arlene Miller chosen to hold credentials. Others planning to attend made reservations for sessions and travel by bus to convention.

The group's Christmas party will be held Dec. 15 in St. Paul's UCC in Shrewsbury. Cost is $8 per person. Dinner will be served at 6 p.m.

A check for $10 was presented to the group for having 68 percent of the members present at the York Co. Convention as second prize.

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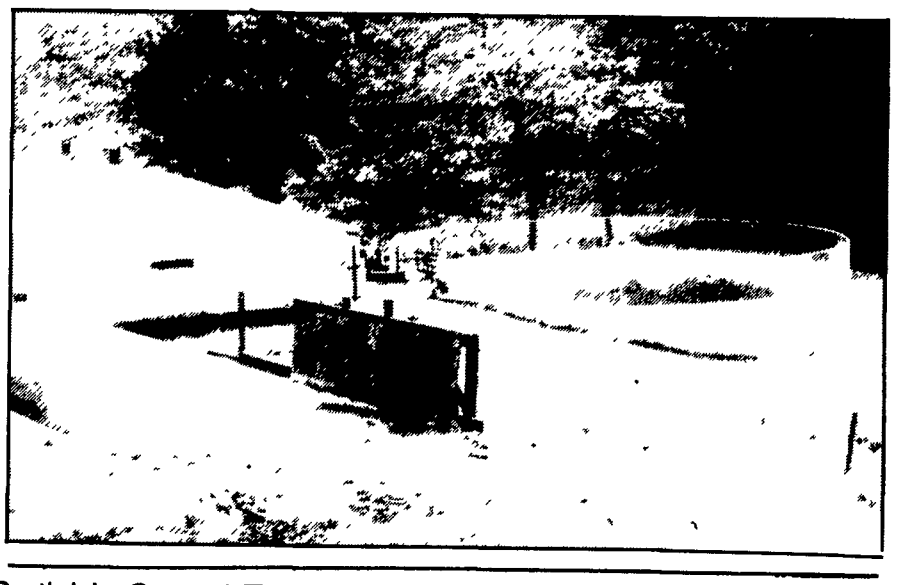

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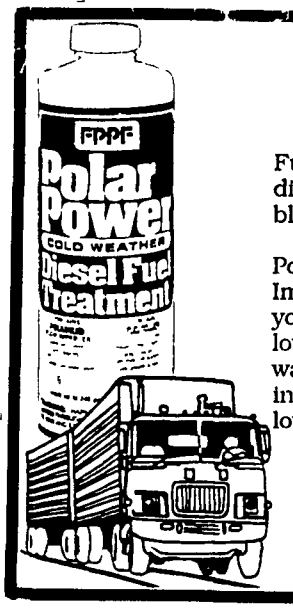

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Past presidents of Farm Women Society #1 help celebrate its 75th Anniversary. In the photo, seated, is Mary Clark. In the first row, from left, Hazel Ulrich- Tomb, Mary Kurtz, Amy Brubaker, Alma Troutman, Ruth Bollinger, Viola Wolf, Mary Alice Fyock, and Julia Zahn. Second row, Ruth DeVink, Anne Baer, Fay Garman, Margaret Bucher, Martha Jane Brubaker, Rachel Bollinger, Ann Landis, and Dorothy Hollinger.

Lancaster Society 1 Celebrates 21 Years

Society of Farm Women #1 recently celebrated its 75th Anniversary with a luncheon at the Akron Church of the Brethren attended by 40 members and former members. Farm Women Societies were organized for fellowship and education of women living on farms or in rural areas with rural interests. But they have also contributed much to many worthy causes. In Lancaster County there are 29 societies with 776 members. The state of Pennsylvania has 3,278 members. The groups hold monthly meetings in members' homes.

Several daughters of original members of Society #1 are still active in the group. Mrs. Zahn's mother, Barbara Moore, and Mrs. Clark's mother, Florence Brubaker, were the ladies who organized Society #1 in 1917.

President Julia Zahn presided over the program of the day. Greetings and congratulations were given by State President Arlene Witman and Lancaster County President Corinne Nissley. Jane Good entertained with piano selections. Devotions were conducted by Barbara Hershey. Speaker for the event was a member, Fay Garman, who appeared in an outfit of clothing which spanned the 75 years; her mother's suit, which her mother had made and worn on her wedding trip. She took us on a trip down memory lane, mentioning among many other things: the silver spoons given to each new baby; the annual Christmas program given at the former Moravian Home on Church Square; and the many years Society #1 boiled apple butter for Harvest Days at the Landis Valley Museum. The meeting ended as all meetings do by singing the theme song, Brighten The Corner Where You Are.

Fay Garman

Officers of Farm Women Society #1 with the 75th . niversary cake. From left: Edna Shearer, recording secretary; Ruth Huber, treasur Julia Zahn, president; Fay Garman, vice president; Harriet Fasnacht, correspondi secretary.

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LT-12.5HA	$ 250	$ 250
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452		$ 150
462		$ 300
463		$ 325
465		$ 200
Tedd		
157		75
16		25
R		
Bale Wagons		
1003	$ 650	$ 650
1036	$ 900	$ 725
1037	$ 1,050	$ 825
1038	$ 1,125	$ 900
1078	$ 3,200	$ 2,550
1079	$ 3,250	$ 2,600
1085	$ 3,550	$ 2,850

MODEL	NOV./DEC./JAN. DIVIDEND FOR CASH	FEB./MAR. DIVIDEND FOR CASH
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1915	$ 10,800	$ 8,625
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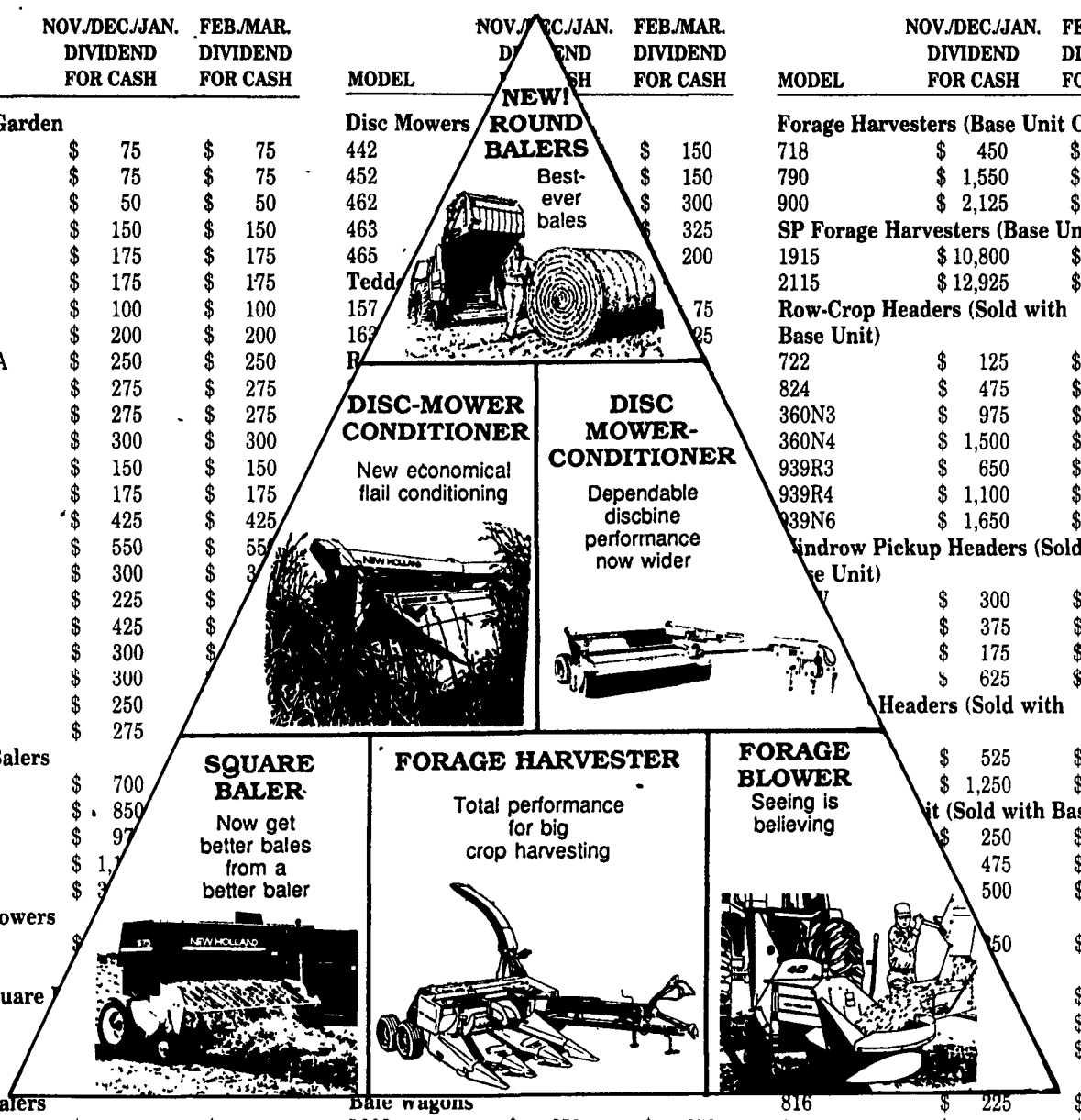
722	$ 125	$ 125
824	$ 475	$ 400
360N3	$ 975	$ 825
360N4	$ 1,500	$ 1,200
939R3	$ 650	$ 525
939R4	$ 1,100	$ 875
939N6	$ 1,650	$ 1,300
indrow Pickup Headers (Sold with e Unit)		
V	$ 300	$ 250
	$ 375	$ 325
	$ 175	$ 150
	$ 625	$ 500
Headers (Sold with		
	$ 525	$ 425
	$ 1,250	$ 1,000
it (Sold with Base Unit)		
	$ 250	$ 200
	475	$ 375
	500	$ 400
	50	$ 250
		$ 125
		$ 150
		$ 150
	816	$ 225 $ 225
	818	$ 250 $ 250



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Century Farm Reverberates With History

LOU ANN GOOD
Lancaster Farming Staff

MOUNT JOY (Lancaster Co.) — The old house of Amos and Ruth Conley reverberates with the heritage of farmhouses made for living. The stalwart house, built in 1804, has passed down through the generations of the Musser family beginning with Amos's great-great grandfather.

The Conley farm is one of two Lancaster County farms that recently received the Century Farm Award at the Agriculture Industry Banquet. The other farm is owned by Edward and Miriam Hess of Leola.

During the 1976 bicentennial celebration, the Pennsylvania Department of Agriculture initiated the Century Farm awards to emphasize the contributions of family farm ownership. Since then, annual awards are presented to farms that have remained in the same family for at least 100 or more years.

The property included 110 acres when it was first deeded. The original brick barn, believed to be built in 1805, is still in use. In 1908, 78 acres were sold to one son and 32 acres to another.

When Amos's father Paul, who was from York County, married, he and his wife purchased the 78-acre farm from his wife's mother's father in 1943. Ten years later, Amos's father brought back 13 acres of the land that had originally been on the farm. In 1970, another 8 acres were repurchased, but in 1984, this tract was donated to the Old Order River Brethren Church, which built the Sonlight School for students, from grades 1 to 12.

Amos and Ruth purchased the Mount Joy family farm two years after they were married in 1976. The Conleys and their five children: Ronald, 17; Dianne, 16; Daniel, 12; Gerald, 10; and Sandra, 6, milk 50 Holsteins, raise 50 head of replacements, and raise seven acres of produce to sell.

Amos's parents, Paul and Ada Conley and his Aunt Anna Mary Musser, live in one end of the house. Paul, who is 79 years old, saves six pounds of pumpkin seeds in order to grow 15 tons of pumpkins annually. Pumpkins, watermelon, canteloupes, Indian Corn, finger corn, strawberries, hull peas, lima beans, string beans, and sweet corn are raised and sold at a roadside stand on their property.

A Century Farm Award went to Amos and Ruth Conley for the farm that has been in their family since 1847. The house was built in 1804. From left, Daniel, 12; Dianne, 16; Ronald, 17; Sandra, 6; Gerald, 10; Amos, and Ruth.

The doors in the background are one of several sets, which when opened form one large room in which the Conley family holds church services.

When the Conleys first purchased the farmstead, it was only 78 acres. Since then, they have purchased additional acreage to make a total of 126 acres and are in the process of purchasing a nearby farm.

The Conleys rent an adjoining farm where Ronald and Diane milk 32 cows. During the winter months, the cows are put out twice a day at a bulk feeder. The herd average is 22,441 pounds of milk.

The original part of the rambling farmhouse was built with limestone. In 1884, a brick addition was added to the west end of the house and about 1900, a frame addition was added to the east end. The original slate roof is still intact on the north side of the house, but the south side was replaced with asbestos in 1947 when a balcony was enclosed and the kitchen enlarged. The house has eight bedrooms upstairs and seven rooms downstairs.

The house is much more than brick and mortar. It is a living history of Amos's ancestors.

As Amos sits in the kitchen he tells the story about his grandparents who built an addition to the house when a son married so that the two families could reside in it. But the grandparents became homesick for the old side of the home. They missed the morning sun and being able to see what was happening around the barn. Within the year, the grandparents moved back into the original section in which the son and his wife continued to live. The new part remained vacant until an uncle moved into it.

View from the road shows the back of the Conley farmstead and the other buildings.

Amos, who was born in the house, remembers the coal and wood cookstove that set in the kitchen until 1968. When the electric went off from wintery snows, his mother always prepared corn meal porridge (mush) for the family meal. In those days, potatoes were served for breakfast, dinner, and supper.

He remembers seeing the old butcher furnace in the cellar where hogs and beef were processed.

He has childhood memories of his Grandpa Musser "tucking the cows in" before going to bed around 9 p.m. He remembers his grandpa shoveled the manure from the stable for 16 cows until 15 more stalls and a gutter cleaner were added. Nine years later, Amos added a manure storage pit and 16 more cows for a total of 47.

Amos, himself, discovered one of the most unusual finds in the house as recently as the 1980s. He found a muzzleloader hid underneath the boards at the top of the attic steps. A gunsmith said that the muzzleloader was dated from George Washington's era. It sold for more than $7,000 at a public auction along with many other antiques from the farm.

Amos's ancestry holds some tragic tales. His father's oldest brother was killed on his 25th birthday when wind blew down a barn that he was helping to build for relatives in Iowa.

Amos's brother Paul was 23, when he was shot and killed by a hitchhiker whom he had picked up within five miles of the farm. The body was found two days later in Pine Grove (Schuylkill County). The hitchiker was apprehended and charged with second degree murder but was released from jail within seven years.

But the Conley home holds not only tales from the past but the living history of today. The house retains several sets of large wooden doors that, when closed, partition off four rooms but when opened make one spacious room — large enough for the Conleys to seat more than 100 persons for a church service.

This sign, written in German, hangs on the front porch of the Conley home.

The Conleys are members of the Old River Brethren faith, which continues to go from house to house for its church services. They also retain the custom of serving a noon meal after the service.

Amos said, "The custom was started in the 1850s when the River Brethren Church was formed and families traveled long distances by horse and buggy. Although the sect now travels by automobile, the custom of serving a noon meal continues as a way to encourage fellowship among the members.

Most of the time, the Conleys host the church service in the school that was built on the original tract of land on their farm, but they continue to provide the meal for those who attend the services.

Last Sunday, the Conleys served the following menu to about 150 church members: turkey pot pie, potato buns, cabbage slaw, strawberries and Jell-O, pumpkin pies, and tapioca pudding.

All the food is made from scratch by the Conley family. Ruth, who has had many years of experience in cooking for a crowd, said that it is no problem to prepare the food by herself. But she now has the help of her 16-year-old daughter, who made the potato buns.

"I start in the beginning of the week and cook the pumpkin for the pies. I also cook the turkey and

(Turn to Page B15)

Pennsylvania State Grange Publishes Cookbook

HARRISBURG (Dauphin Co.) — The Grange and cookbooks— these two words go together almost as well as salt and pepper or black and white. The first Grange cookbook was started more than 65 years ago and since then these cookbooks have been adorning the shelves of kitchens here in Pennsylvania and across the country.

This October a new edition to the line of Pennsylvania State Grange cookbooks was published and this one promises to be just as popular as the four that preceded it.

The Pennsylvania State Grange, formed in 1873, has been a leader in rural and agricultural issues since it started. In the early days, Grangers fought for rural free delivery, breaking the railroad monopolies and advocating the rights of farmers. So how did such an orgnization get involved in the business of selling cookbooks?

It actually came quite naturally. The Grange is an organization not afraid of dreaming and dreaming big. The first Grange cookbook began with such a dream. That dream was to have the Pennsylvania State Grange construct a building at Penn State Univeristy.

The idea for this building was started at a meeting in Williamsport 1922 when Philip Hastings Dewey, state lecturer, introduced a resolution to have the State Grange build a memorial to be used for educational purposes.

After the resolution was adopted, a committee was formed including Mell B. Orr, Georgia Piollet, Philip Dewey, Agnes VanKirk and Raymond Bressler.

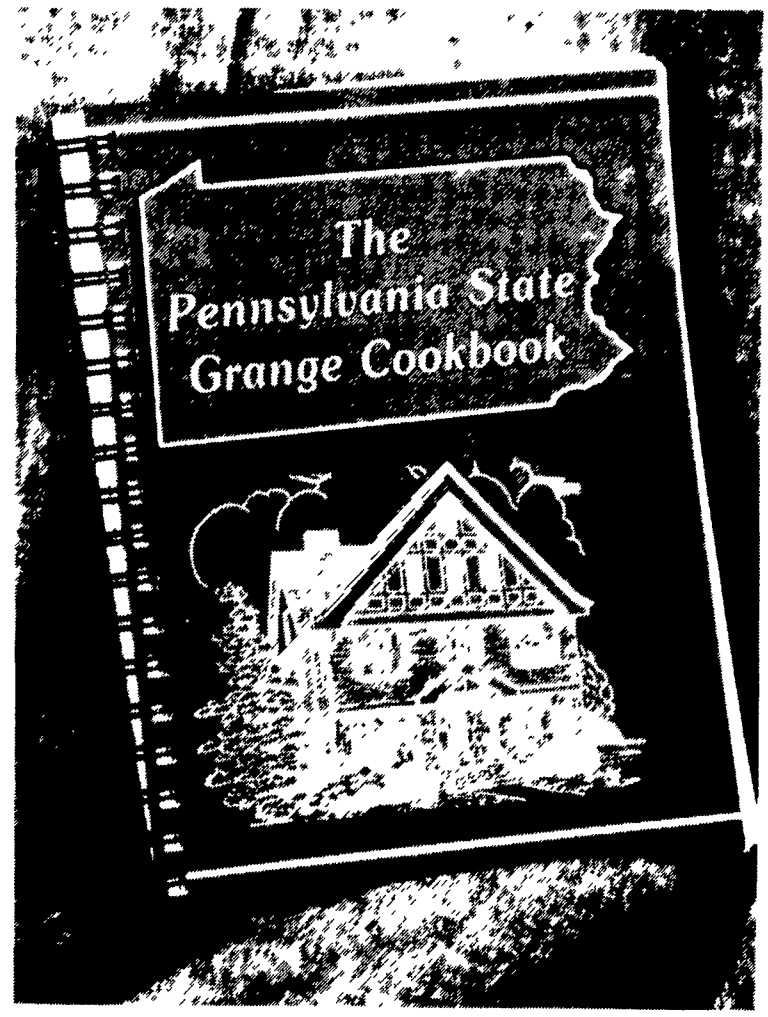
The committee decided that what was really needed was a girls' dormitory. Costs were estimated at $100,000.

Various means were used to raise money. But funds were coming in too slowly, so in January of 1925 the Home Economics Committee met in the Harrisburg home of Mrs. Fred Brenckman. Brenckman suggested the cookbook. The idea was quickly accepted and a letter was sent to the women of the Grange to mail their favorite recipes to Dr. Hannah Lyons, chairperson and editor of the first cookbook.

The book was a big success, raising over $12,600 from the 42,000 books that were sold. The Grange made 30 cents profit from each book sold.

With the help from the profit of this first cookbook, the Grange was able to finish Grange Hall at Penn State on August 18, 1929.

(Turn to Page B16)



The Pennsylvania State Grange Cookbook includes recipes and stories of how the recipes have been passed from generation to generation.

Conley Farm

(Continued from Page B14)

remove the meat from the bones so that it doesn't take long to cook the pot pie," she said.

The recipe for her pumpkin pie follows. This recipe and 650 others are printed in a cookbook titled *River Brethren Recipes.* To order, include $10 for the cookbook, postage and handling or pick it up for $8 at 1097 Prospect Rd., Mount Joy, Pa 17552-9201. For more information, call (717) 684-9719.

If you live on a farm that has been in your family for 100 years or more, contact your county extension office for an application form.

PUMPKIN PIE

1¼ cups mashed pumpkin
2 cups milk
¼ cup brown sugar
½ cup granulated sugar
2 eggs
1½ tablespoons cornstarch
2 teaspoons vanilla
2 teaspoons cinnamon
¼ teaspoon nutmeg
¼ teaspoon cloves
¼ teaspoon ginger
1 deep unbaked 9-inch pie shell

Combine all ingredients in blender and mix well. Pour into unbaked shell. Bake at 425 degrees for 10 minutes, then 325 degrees for 40 or until set.

When things run well,
we take them for granted...

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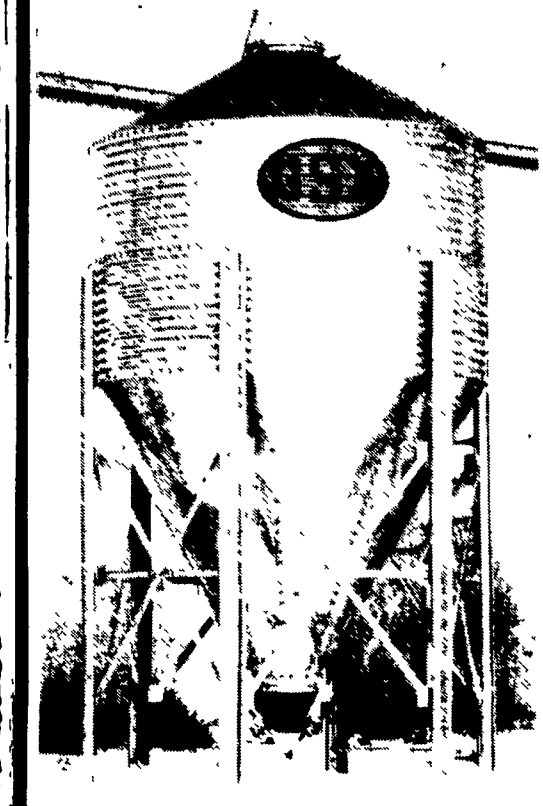

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Grange Cookbook

(Continued from Page B15)

The members of the Grange learned how profitable selling cookbooks could become. But it wasn't until the early '50s that another cookbook was assembled and sold. Since then the famous white-covered cookbook and the current red-covered cookbook have been published in 1972 and 1984, respectively. Both the white and the red have sold well over 130,000 copies each.

Miriam Forney, a membher of Star Grange and chairwoman of the red cookbook, feels the Grange cookbooks are so popular because they reflect local ways of cooking.

"Our cookbooks are popular because they go back to the basic recipes, not boxes and mixes. Most start from scratch," says Women's Activities Director Becky Michalka.

Forney and Michalka both said a lot of work goes into preparing a cookbook — more than most people realize.

"You say you're publishing a cookbook and people expect it to be out and ready to sell the next week," Michalka commented. For this new cookbook, she received more than 4,000 recipes. That number had to be brought down to about 1,000 to fit into the cookbook.

Cookbooks have changed quite a bit since when the first Grange cookbook was published, notes Forney. The first cookbook might say a pinch of this and a pinch of that. Today most cooks want to have specific measurements so their recipe comes out right. But lifestyles have also changed.

"Today you need to include low-fat and low-sugar recipes as well as microwave recipes for today's young couple who wants to cook fast meals for their fast-paced lives," Forney said.

The Pennsylvania State Grange cookbooks aren't restricted to Pennsylvania. Copies of the book can be found in states across the country. Lola Meffort, of Bell Flower, CA, has been baking and cooking for 45 years. She owns over 250 cookbooks and time and time again returns to the Pennsylvania State Grange cookbooks.

"I've won first place at the Los Angeles County Fair (the largest fair in the world) with Grange jam bars, lemon tart bars, and brownies," Mefferd said. "And I won first runner up in the California Crisco Pie Bake Off with a lemon pie recipe from the book."

Mefford, a regular contributor to the Los Angeles times food section, even aroused the interest in the Pennsylvania Grange cookbook from a free-lance writer at the paper. After trying some of the recipes, the free-lance winter "had to get a copy."

Stories are told of how the cookbooks pass down from generation to generation. And their popularity continues. Cookbooks are the number one selling kind of book, next to the Bible, and the Pennsylvania Grange cookbooks are just as popular as any. If you would like information for ordering a book please call 1-800-552-3865.

Praline Brunch Toast

8 eggs
1½ cups milk
1 tablespoon brown sugar
2 teaspoons vanilla extract
8 ¾ -inch thick slices of French bread
¼ cup butter
½ cup packed brown sugar
¼ cup maple syrup
½ cup chopped pecans

Beat eggs, milk, 1 tablespoon brown sugar and vanilla in bowl. Pour half the mixture in 9x13-inch dish. Layer bread slices over mixture. Pour remaining egg mixture over top. Chill, covered, for several hours to overnight. Melt butter in 9x13-inch baking dish. Stir in ½ cup brown sugar and maple syrup; sprinkle with pecans. Remove bread slices from egg mixture and layer over sugar mixture. Pour any remaining egg mixture over top. Bake at 350 degrees for 30 to 35 minutes or until puffed and golden. Yield: 4 servings.

Ham Crepes Ensenada

12 thin slices of ham
12 flour tortillas
1 pound Monterey Jack cheese, cut into ½ -inch sticks
1 4-ounce can green chilies, cut into ¼ -inch strips
½ cup flour
½ cup melted butter
1 quart milk
3 cups shredded Cheddar cheese
1 teaspoon prepared mustard
½ teaspoon salt
¼ teaspoon pepper
Paprika to taste

Place 1 slice of ham on each tortilla. Top each with 1 stick Monterey Jack cheese and 1 chili strip. Roll up; secure with wooden picks. Place in greased 9x13-inch baking pan. Stir flour into melted butter in saucepan. Add milk, Cheddar cheese, mustard, salt and pepper. Cook until blended and smooth, stirring frequently. Pour over crepes. Sprinkle with paprika. Bake at 350 degrees for 45 minutes. Yield: 6 servings.

Best-Loved Lemon Bars

1 cup butter or margarine, softened
½ cup confectioners' sugar
2 cups flour
¼ teaspoon salt
4 eggs, slightly beaten
5 tablespoons lemon juice
1 tablespoon grated lemon rind
2 cups sugar
¼ cup flour
Confectioners' sugar

Combine butter, ½ cup confectioners' sugar, 2 cups flour and salt in bowl; mix to form soft dough. Press evenly into ungreased 9x13-inch baking pan. Bake at 350 degrees for 15 to 20 minutes or until gold brown. Reduce oven temperature to 325 degrees. Combine eggs, lemon juice, lemon rind, sugar and ¼ cup flour in bowl; mix well. Spread over baked layer. Bake for 25 minutes longer or until set. Cool on wire rack. Sprinkle with additional confectioners' sugar. Cut into bars. Yield: 3 dozen.

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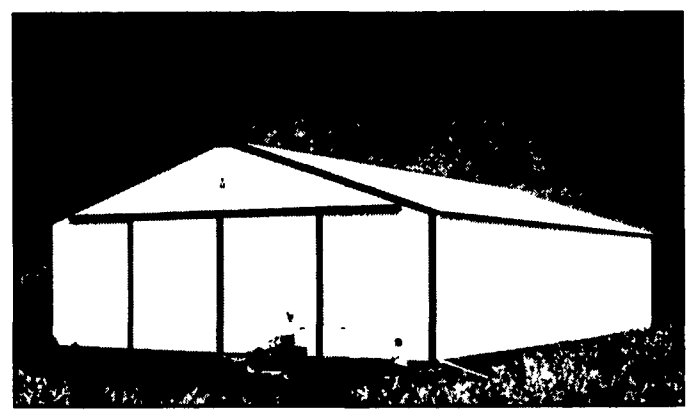

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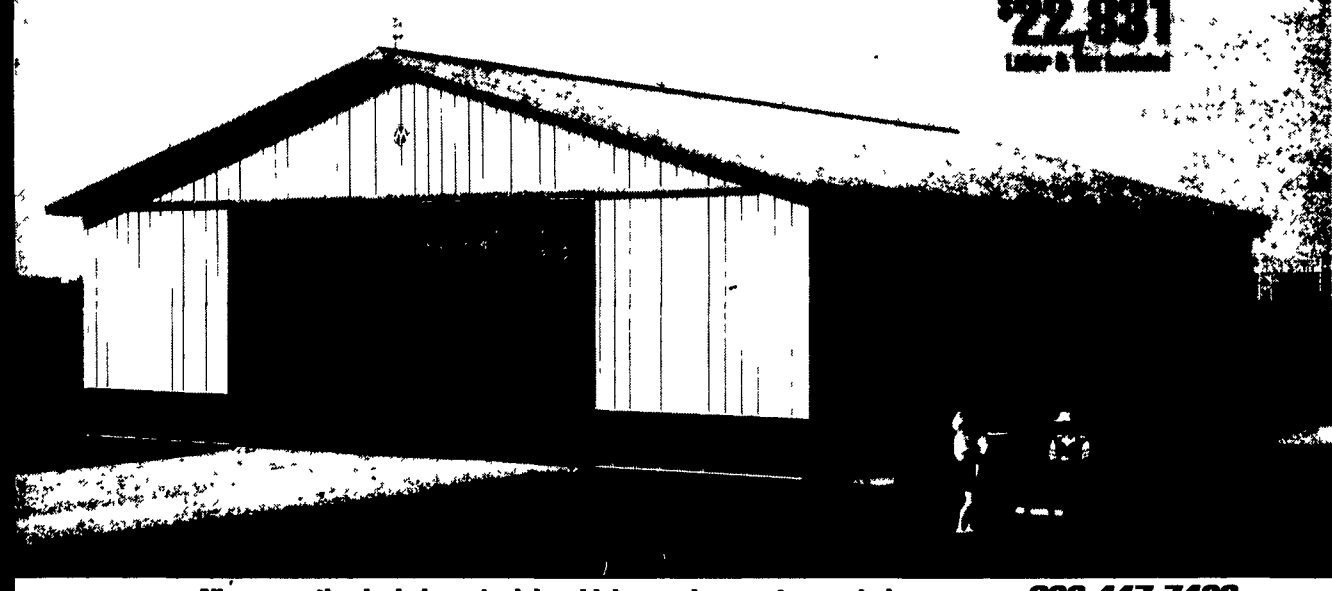

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Living Gift Fair Raises $12,000

LITITZ (Lancaster Co.) — Five heifers, seven pigs, nine sheep, five goats, and six yaks, were among unusual holiday gifts purchased at the fifth annual Heifer Project International Living Gift Fair November 28 at the Lititz Church of the Brethren.

Fairgoers purchased more than $11,000 worth of live animals, with total proceeds from the fair exceeding $12,500. Volunteers from nearly 20 Lancaster-area churches, representing several denominations, planned and staffed the event, according to Fair Coordinator Dan Fitzkee.

Hundreds of shoppers opted out of the materialism of the season, choosing to purchase live animals in honor of friends and relatives instead of more traditional gear and gadgets.

Heifer Project International will send the animals to families in need around the world, while shoppers received HPI gift cards and information to give to friends and relatives in whose names the animals were purchased.

In addition to the larger beasts, shoppers purchased hundreds of smaller critters—guinea pigs, rabbits, ducks, chicks, fish, and honeybees—along with arts and crafts and baked goods. A petting zoo, a clown, and balloons made the fair an event for all ages.

Heifer Project International is a 47-year-old, non-profit development agency that alleviates world hunger and poverty by giving poor families in more than 35 countries "living gifts" of animals and the training required to care for the animals.

In addition, HPI gifts keep on giving. All recipients of HPI animals are required to pass on the first female offspring of their gift animal to another family in need. "Passing on the gift" empowers those who receive animals as they reach out to serve their neighbors in need.

Those who missed the fair, but would like to give "living gifts" this Christmas can contact Heifer Project International directly at 1-800-422-0474.

American Agri-Women Unite To Inform Policymakers

MT. VERNON, Ill. — American Agri-Women from throughout the country have united to inform newly elected officials and the new Administration about agriculture. At their recent Annual Convention, AAW members coordinated plans for informing new Members of Congress and the Clinton Administration about key issues affecting U.S. agriculture.

Attending the Convention from Pennsylvania was Carol Ann Gregg, Grove City; and Gail and Sarah McPherson, New Park, representing Penn's Agri-Women.

According to AAW President Trenna Grabowski, "We have an important opportunity at this time to communicate with newly elected leaders about the food and agriculture industry. American Agri-Women, the nation's largest organization of farm, ranch and agribusiness women, with a membership over 50,000 strong. We will be meeting with new policymakers to inform them about the problems and concerns of our industry. We will provide them with names of women throughout the country who have the expertise to serve as sources of information on agricultural policy and also to serve in advisory and policy positions in the new administration."

AAW policy goals adopted by the Convention include maintenance of the current estate tax exemption; deductibility of the health insurance premiums for self-employed and other persons who do not currently have that deduction; and expansion of the program providing fresh, nutritious unprepared food from farmers' markets to persons who are nutritionally at risk. "American Agri-Women was instrumental in obtaining the current estate tax exemption of $600,000, which is vital to the passage of farms and ranches from one generation to the next. We are concerned about proposals to lower the exemption to levels which would again require families to sell their farms to pay the estate tax," President Grabowski said.

AAW is also seeking amendments to the Endangered Species Act which will require the use of sound science in defining a species; require the development of an economic analysis of the costs of the recovery of a species; and protect private property rights. President Grabowski said, "Consideration of the impact a recovery plan will have on private property owners and the economy will ensure we have the resources necessary to adequately protect truly endangered species of plants and animals."

At this Convention, AAW welcomed its 48th affiliate organization, Maine Agri-Women. AAW's affiliates include state agriwomen organizations and national and state commodity organizations. National officers elected to two-year terms are Donna Ulseth, Minnesota, Vice President/Education and Alice Dettwyler, Oregon, Secretary. Continuing officers are Trenna Grabowski, Illinois, President; Ardath DeWall, Illinois, President-Elect; Chris Wilson, Kansas, Vice President/Communications; Cynthia Adkins, Oklahoma, Treasurer; and Sandy Greiner, Iowa, Past President.

For more information about AAW, contact Trenna Grabowski, 2006 Broadway, Box 726, Mt. Vernon, Illinois, 62864, (618) 242-8970.

The tree, used as a symbol of life, is a tradition older than Christianity and not exclusive to any one religion. It's a part of our holiday customs that engages not only our senses of sight, touch and smell, but also our sense of tradition, hope and good will.

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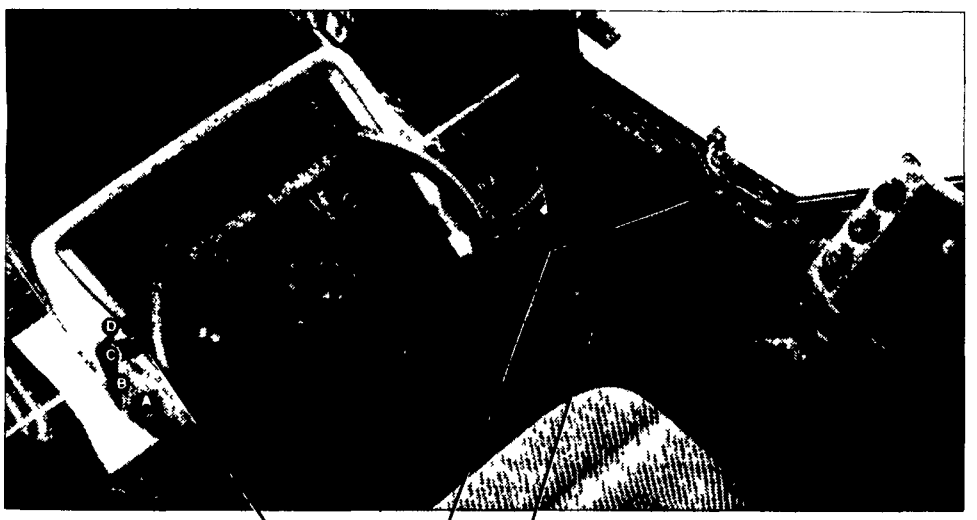

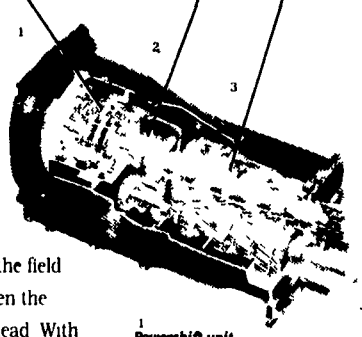

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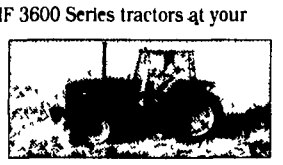

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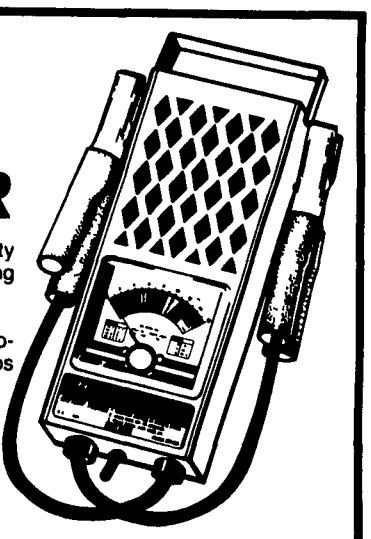

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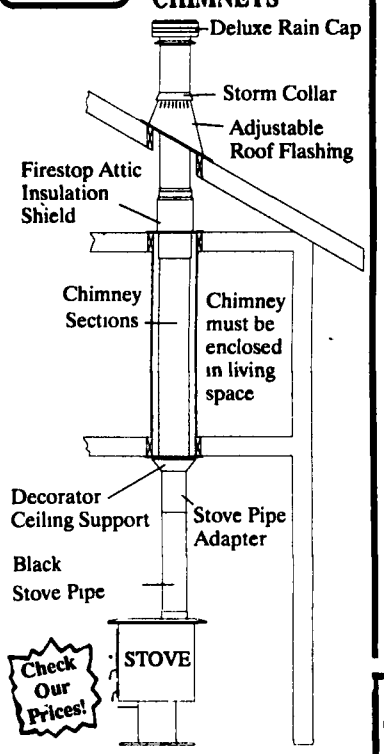

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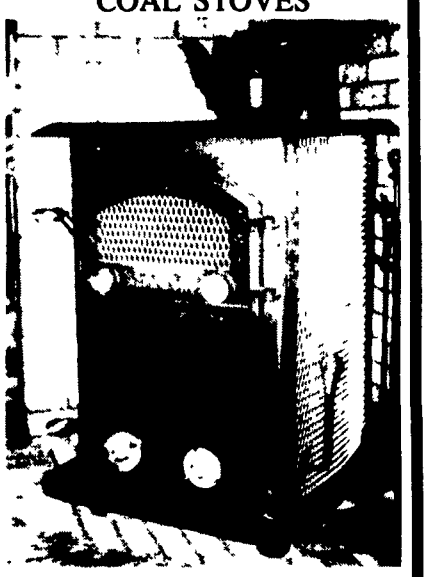

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Build Fire For Winter Warmth

HUNTERDON, N.J. — A wintery evening and a warm fire. It's an appealing vision. There's a lot that goes into actually creating the scene including: choosing and obtaining the wood; seasoning and storing it; splitting the logs; dealing with the ashes.

Different wood species have different heat and burning characteristics as well as different aromas. *Firewood: Wood Characteristics*, a Rutgers Cooperative Extension Fact Sheet, gives these specifics. Since the actual weight of wood fiber determines the amount of fuel value, lightweight hardwoods of low density such as basswood and yellow poplar, do not provide as much as heat as heavier hardwoods. Lightweight conifers contain resins (pitch) that burn at higher BTU's per pound than cellulose. Even so, pines, spruces, firs, and cedars in general) are of low density and therefore produce less heat than hardwoods when measured by volume rather than weight.

The heaviest, most dense, species which produce the most heat, include: apple, black locust, hickory, hophornbeam, and white oak. Other commonly available species with relatively high densities are: beech, sugar maple, red oak, yellow birch, and white ash.

Softwoods (or conifers), being resinous, are easy to ignite and burn rapidly with a high, hot flame. However, they burn out quickly and require frequent attention. Some resinous softwoods, such as cedar, juniper, larch, hemlock, and spruce contain moisture pockets. Upon heating; trapped gases and water vapor build up pressure in these pockets resulting in "pops" which throw sparks. Such sparking can be a potential fire hazard, especially in fireplaces without proper screens. Sparking is another reason to reduce moisture content of wood as much as possible before burning.

Hardwoods are generally more difficult to ignite, burn less vigorously and with a shorter flame, but last longer and produce more coals than softwoods. White birch typically is easy to ignite due to its papery, resinous bark. Oak gives the most uniform and shortest flame and produces steady, glowing coals.

Artificial logs (composites of sawdust, chips, wax, colorful chemicals, and starch binder) are used for their convenience, attractive flames, and ease of starting. Use care when burning these logs because their combustion characteristics and gaseous outputs are considerably different from natural woods logs. Be sure to read and follow manufacturer's instructions.

According to *Firewood for your Fireplace*, aroma comes from the woods of fruit trees, such as apple and cherry, and from nut trees, such as beech, hickory, and pecan. Their smoke generally resembles the fragrance of the tree's fruit., Woods from fruit and nut trees often sell for more per cord than woods with greater heating values, but woods from fruit and nut trees are steady producers of flame.

By mixing softwoods with hardwoods you can achieve an easily-ignited and long-lasting fire. Later, by adding some fruit or nut woods, you will capture the nostalgic wood smoke aroma as well.

There are many ways to build a fire. The basic principle is to set a match to easily ignitable tinder, which in turn ignites the kindling, which in turn ignites the larger firewood. The following method has proved highly successful: place two logs on the iron grate or fire basket and lay the tinder between them. Dry scrap paper may be more readily available than the classical tinders such as hemlock twigs and cedar or birch bark. Next, place above this a small handful of dry twigs or split softwood kindling. Then place small, dry logs over this base. A tepee formation of kindling and small branch wood will ease your fire through early combustion stages until the logs are aglow. Place these logs close. The narrow air spaces between them promote better drafts.

Generally, no more than four logs are needed to make a good fire. Rake coals toward the front of the grate before adding new logs. Add new logs at the rear of the fireplace; there they will reflect light and heat into the room.

If you want more information on these and other firewood topics, we have several free publications available at the Extension Center; stop by, M-F, 8:30 to 4:30, or call (908) 788-1339 for copies. Also available is a $2 booklet titled *Burning Wood*.

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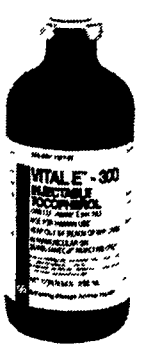

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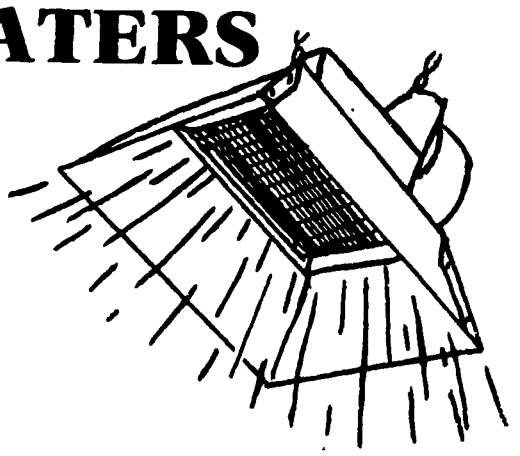

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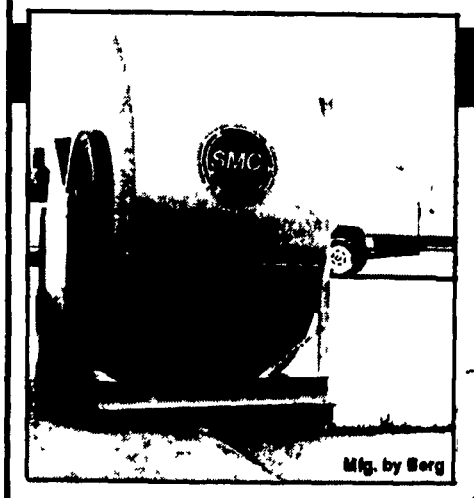

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Physician's Attitudes About Pork Changes

CHICAGO, Ill. — The pork industry will undertake its most extensive program ever to improve physician attitudes and behavior about pork, resulting from a pilot project showing that changes are possible.

In early 1993, the Meat Board's Pork Industry Group will launch DOCC (Doctor Opinion Correction Campaign), consisting of advertising, telemarketing and direct mail. The program will target primary care physicians in group practices located in metropolitan areas and with patient profiles that call for dietary counseling.

"We feel very confident that we can use pork checkoff dollars effectively to change physician attitudes. After a learning curve of a couple years, we have proven methods that justify a much larger effort," says Pork Industry Group Chairman Larry Larson, Sargeant, Minnesota.

DOCC's training ground was in Baltimore during early 1992. The Pork Industry Group used strategically executed advertising, three waves of direct mail and two cycles of telemarketing to change the attitudes of the 1,500 internal medicine physicians in its Baltimore Physicians Test Pilot Project.

Comparison of identical pre- and post-survey results showed that: (1) physician attitudes about pork can be changed; (2) doctor attitude and behavior scores about pork went from "negative" in the pre-test to either "neutral" or "positive" in the post-test; and, (3) various message delivery mechanisms are necessary. Telemarketing had high impact.

Specifically, when the Baltimore physicians were asked to rate the appropriateness of different fresh meats for inclusion in a heart-healthy diet, pork's score jumped 33% in the post-test compared to the pre-test. The same percentage change was achieved when physicians were asked to rate their current behavior.

Chicken and fish appear to be pork's major protein competitors. Both received ratings of 8 or 9 for appropriateness and behavior, both pre- and post-test. Pork's ratings were about half that high.

"Our positioning strategy going into the Pilot Project was to show the comparability of today's '31% leaner' pork with chicken. This message seems quite powerful with the physician audience," says Sharlet Brown, director of communications for the Pork Industry Group.

For 1993, the pork industry will invest more than $1 million to reach physicians through DOCC, journal advertising, patient education material distribution and articles appearing in physician journals. The program is being conducted by the Pork Industry Group on behalf of the National Pork Board.

MILK AMERICA'S HEALTH KICK

Shining reindeer line up outside the conservatories at Longwood Gardens, Kennett Square, during the 1992 holiday display. The display, portrayed in flowers, figures, and trees, from Dec. 4 through January 4, 5 p.m. to 9 p.m. each evening. About 200,000 colored lights and fountains set to music bring winter nights alive, while warm indoor displays feature colorful poinsettias and daily musical entertainment. Longwood is located on U.S. Route 1 near Kennett Square and is open daily from 10 a.m. to 9 p.m. during the Christmas display. For further information, call (215) 388-6741.

Choose And Cut Christmas Tree Directory Available

CREAMERY (Montgomery Co.) — There's something special about strolling through a field of Christmas trees looking for the tree of your household's holiday dreams. It's a friendly, no-rush, fresh air time - a welcome break!

Penn State Cooperative Extension has compiled a directory of choose-and-cut tree farms. The directory lists the types of trees available at each farm, and whether you can get them balled-and-burlapped, fresh cut, or cut your own. The directory also lists whether wreaths, roping, greens, refreshments, or other special events are available on the farm. There is a map and directions to make your tree hunt easy. By using the directory you can be sure that you are supporting our local growers.

To find out where to go in your county to find your choose-and-cut tree, call your Penn State County Extension office, listed in the telephone directory. Ask for your free copy of the 1992 Choose and Cut Christmas Tree Farm directory.

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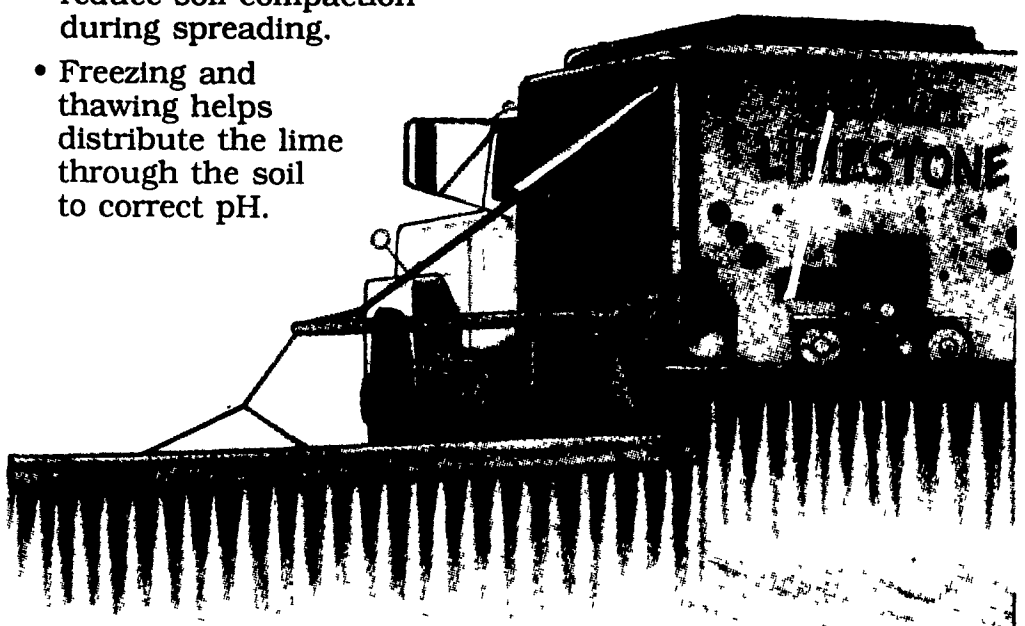

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The Pennsylvania State 4-H Livestock Judging Team From Chester County Says THANKS

To The Following Individuals And Businesses For Their Support!

Pictured From left to right: Cheryl Fairbairn, Extension Agent and coach, Shannon Templin, Thornton; David Howe, Downingtown; Jessee Holmes, Oxford; Matt Howe, Downingtown, Don Cairns, 4-H Beef Leader and coach.

Pennsylvania Friends of 4-H
Pennsylvania Livestock Association
Pennsylvania Cattlemen's Association
Pennsylvania Pork Producers Council
Pennsylvania Angus Association
Penn State Stockmen's Club
Pennsylvania Hereford Association
Chester County 4-H Board of Directors
Keystone Farm Credit, ACA, Avondale
Hamilton Bank, Lancaster
Lan-Chester Pork Producers Council
Mr. & Mrs. Gerry Williams, Parkerford
The Graham Company, Philadelphia
Lancaster Farming, Ephrata
Crebilly Farm, West Chester
Overlook Road Farm, Downingtown
Lew Ferguson Family, Oxford
Mr. & Mrs. Charles Cairns, Sadsburyville
Beam Leasing, Elverson
Cameron's Inc., Oxford
White Oak Ice Co., New Holland
Oxford Agway, Oxford
Mr. & Mrs. Robert Cairns, Parksburg
Hyponex, Nottingham
Elvin H. Sauder, East Earl
Jim Ford, Honey Brook
Buck Run Farm, Coatesville

4-H HAPPENINGS

All Around 4-H'ers, from left, Samara Shuster-Edelson 12-15 yr. old age group, Eileen Holm 16-19 yr. old age group, Robert Shuster-Edelson 8-11 yr. old age group, and Becky Preiss 16-19 yr. old age group.

Club Holds Recognition Banquet

The Boots and Saddles 4-H Club held its end of the year recognition banquet at the Farm and Home Center in Lancaster. The covered dish supper was held for members and their families, who numbered 80.

Banquet chairman Becky Preiss started the evening with opening remarks by club president Eileen Holm with pledges given by Nathan Stoltzfus and Becky Preiss. Becky then introduced the special guests for the evening: Mr. and Mrs. Jay Irwin, John Schwartz, and Mr. and Mrs. Bob Unger, all who have helped and supported the club through the year.

Club Awards were presented **Special "THANK YOU" Award,** given to leaders Rose Fellenbaum and Lyn Preiss **Officers:** President Eileen Holm, Vice President Nathan Stoltzfus, Treasurer Becky Preiss, Secretary Lori Harnish **TEEN LEADERS:** Lori Harnish, Sharon Harnish, Leah Harvey, Erin Hess, Jessica Hill, Eileen Holm, Deana Mentzer, Becky Preiss, April Ritzel and Nathan Stoltzfus. **PERFECT ATTENDANCE:** Barry Gochnauer, Jennifer Goodman, Tim Goodman, Jessica Hill, Emily Hill and Becky Preiss **MISSED 1 MEETING:** Kelly Sullivan, Robert Shuster-Edelson, Samara Shuster-Edelson, Elizabeth Heisy, Melissa Meiskey, Sharon Harnish, Lori Harnish **LEADERS:** Dan and Rose Fellenbaum, Dave and Pat Hill, Lyn Preiss, Sallie Gregory, Sandy Gochnauer, Candy MacPherson, Tammy Gochnauer **HIGH SPONSORS:** Junior Samara Shuster-Edelson, Senior- Becky Preiss **SPECIAL HELP:** Simmy Mull, Georgie Heisey, Barb Anton **DEMONSTRATION:** Samara Shuster-Edelson Sharon Harnish, Kelly Sullivan, Carol Hollingsworth, Melissa Meiskey, Robert Shuster-Edelson, Becky Preiss, Lori Harnish, Erin Hess **SCRAPBOOK CHAIRMAN:** Eileen Holm **STATE WINNERS AND PARTICIPANTS·** Nathan Stoltzfus, Jessica Hill, Daniel Talbot, Jennifer Goodman, Becky Preiss Samara Shuster-Edelson, Robert Shuster-Edelson, Lori Harnish, Erin Hess, Devon Imhoff, Allison Eberly **PROJECT BOOK NOVICE:** High Score Tim Goodman 97, Best Story Tim Goodman **HORSELESS BOOK:** High score Kim Wenger 93, Best story Kim Wenger **TENDERFOOT BOOK:** High score Jennifer Goodman and Melissa Meiskey 98, Best story Elizabeth Heisey **JUNIOR BOOK:** High score Samara Shuster-Edelson 99, Best story Kelly Sullivan and Nathan Stoltzfus **SENIOR BOOK:** High score Becky Preiss 100, Best Story Becky Preiss **ADVANCED:** High score 96 and Best story Eileen Holm **GYMKHNAN CHAMPIONSHIPS:** GROOMING and SHOWMANSHIP 16 and OVER Becky Preiss Champion GROOMING and SHOWMANSHIP 13-15 Nathan Stoltzfus Champion, Erin Hess Reserved GROOMING and SHOWMANSHIP 12 and UNDER Daniel Talbot Champion, Samara Shuster-Edelson Reserved DOLLAR BARE BACK Erin Hess Champion DRIVING Jennifer Goodman Champion WESTERN EQUITATION SR Becky Preiss Champion WESTERN EQUITATION JR Jennifer Goodman Champion, Robert Shuster-Edelson Reserve EGG and SPOON Jennifer Goodman Champion, Erin Hess Reserve WESTERN PLEASURE HORSE Becky Preiss Champion, Robert Shuster-Edelson and Nathan Stoltzfus Reserve WESTERN PLEASURE PONY Jennifer Goodman Champion HUNT SEAT EQUITATION SR Erin Hess Champion, Leah Harvey Reserve HUNT SEAT EQUITATION JR Samara Shuster-Edelson Champion, Elizabeth Heisey Reserve BREAK and OUT Erin Hess Champion HUNTER UNDER SADDLE HORSE Erin Hess Champion, Samara Shuster-Edelson Reserve TRAIL HORSE Nathan Stoltzfus Champion Erin Hess Reserve WALK EQUITATION Ashley Good Champion WALK JOG EQUITATION Tim Goodman Champion, Barry Gochnauer Reserve WALK JOG PLEASURE Tim Goodman Champion, Barry Gochnauer Reserve WALK JOG TROT EGG and SPOON Tim Goodman Champion, Barry Gochnauer Reserve WALK JOG TROT CANTER PLEASURE Barry Gochnauer Champion WALK JOG TROT CAVALLETTI Krystle Charles Champion WALK JOG TROT TRAIL Barry Gochnauer Champion WALK TROT EQUITATION Jennifer Talbot Champion, Krystle Charles Reserve WALK TROT PLEASURE Krystle Charles Champion, Jennifer Talbot Reserve **ALL AROUND 4-H MEMBER·** 8-11 yrs old Robert Shuster Edelson, 12-15 yrs old Samara Shuster-Edelson, 16-19 yrs old Eileen Holm and Becky Preiss

Officers For 1993 are president Lori Harnish vice president Nathan Stoltzfus treasure Jessica Hill, and secretary Erin Hess

Denise Green

4-H'er Recognized

At a recent competition at Penn State, Denise Green of Gettysburg was selected as the leading 4-H member in Pennsylvania in the Health National Awards program. Denise is the daughter of Robert and Phyllis Green and is a member of the Barlow-Mt. Joy 4-H Club.

In recognition of this accomplishment, Densie attended the five-day National 4-H Congress at the Chicago Hilton and Towers recently as a delegate representing Pennsylvania 4-H. 4-H Clubs of Adams County provided her with a $550 scholarship and Pennsylvania Friends of 4-H with a $100 scholarship to attend the recognition event.

The path to Chicago began more than seven years ago, when Denise became a 4-H member. This spring, Denise was selected to represent Adams County in state competition.

Three Lancaster County 4-H Woolies members supported Willie The Butcher when he celebrated his 20th anniversary at Stauffer's of Kissel Hill. From left, Jessica Schmidt, Kerra Allen, Willie The Butcher, and April Leaman.

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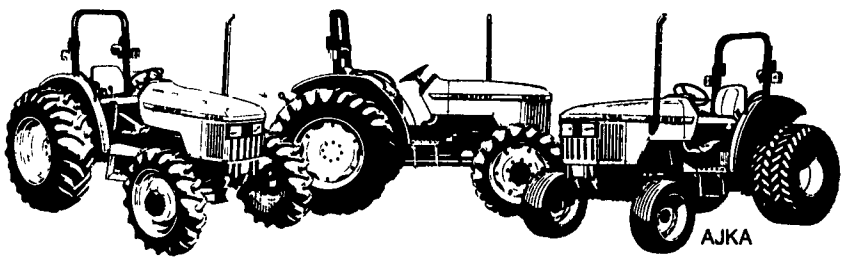

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LEADERSHIP AT WORK

Pennfield Feeds, Dick Plummer's, Plummers Feed Store, and Melissa Mitchell, winner.

This year's winning capon judged during the 1992 Cambria County 4-H Capon Roundup and sale, weighed 12 pounds and brought the owner Melissa Mitchell $18 per pound.

Melissa, 15, is the daughter of John and Carol Mitchell of Vintondale. Mitchell's two blue-ribbon capons sold for a total of $338.50, weighing in at just over 24 pounds.

They sold for $18 and $10 per pound. Pennfield Feeds - Plummer's Feed Store in Sidman purchased the grand champion pair.

The reserve grand champion capon was exhibited by John Senft, 14, son of Terry and Susan Senft of Johnstown. His birds were purchased by Nino's Take Home Italian Specialties of Johnstown for $286.

Each of the club's exhibitors was required to show two processed capons at the roundup. Herb Jordan, retired poultry specialist from Penn State University, was the judge for the event, held at Central Cambria High School. The pre-auction dinner was attended by 80 people which, according to Jerry McCammon of the extension office, is up a bit from last year.

The sale average was $8.08 per pound, $6.80 without champions. Laurel Bank and the Ebensburg Rotary Club donated their purchased capons to the St. Vincent DePaul Society Food Bank. Agway Inc. gave their capon back to the Capon Club, which was resold to benefit Capon Club activities. It was purchased by Kentucky Fried Chicken.

Travis Green

Adams County 4-H'er Recognized

At a recent competition at Penn State, Travis Green of Gettysburg was selected as the leading 4-H member in Pennsylvania in the Forestry National 4-H Awards program. Travis is the son of Robert and Phyllis Green and is a member of the Barlow-Mt. Joy 4-H Club.

In recognition of this accomplishment, Travis attended the five-day National 4-H Congress as a guest of International Paper Co. Foundation. 4-H Congress, attended by more than 1,500 4-H members from across the country, is filled with recognition events and education tours and programs.

Travis became a 4-H member more than nine years ago. This spring, Travis was selected to represent Adams County in state competition.

Rough Riders Hold Annual Fun Show

The Rough Riders 4-H Horse and Pony Club held their fourth annual family fun show and picnic recently at Brittany Commons Horse Center.

Judges were Jeff O'Donnell and Carla Larrabee.

The following is a list of classes and placings:

Novice Rider: 1 Jess Althouse; 2 Mike Hess, 3 Lacy Moyer
Advanced Rider: 1 Becky Aukamp; 2. John Kroener, 3 Tina Henry
Pleasure Class: 1 John Kroener, 2. Tami Jones, 3 Becky Aukamp
Open Equitation: 1 Gabriel Bowman; 2 Becky Aukamp, 3 Abby Dagen
Equitation Over Fences: 1 Tina Henry, 2 BriAnn Grumbling, 3 Gabriel Bowman
Hunter Over Fences: 1 Becky Aukamp, 2 Tina Henry, 3 BriAnn Grumbling
Trail Class: 1. John Kroener, 2 Vickilyn Bowman, 3 Tina Henry
Dollar Bareback: 1 Vickilyn Bowman, 2 John Kroener, 3 Roy Haldeman, Jr
Break & Out: 1 Jess Althouse, 2 John Kroener, 3 Alice Hess
Egg & Spoon: 1 Bobbie Keener, 2 Tina Henry, 3 BriAnn Grumbling
Walk & Lead: 1 Tina Henry, 2 Vickilyn Bowman, 3 Kim Hough
Pony Express: 1 Vickilyn Bowman & Gabriel Bowman, 2 Roy Haldeman, Jr & Tina Henry, 3 John Henry & Collene Haldeman
Keyhole Race. 1 Roy Haldeman, Jr., 2 Vickilyn Bowman 3 Tina Henry.
Musical Chair: 1 Roy Haldeman, Jr, 2 Vickilyn Bowman, 3 Gabriel Bowman
Ribbon Pairs: 1 BriAnn Grumbling & Vickilyn Bowman, 2 Brian Hough & Kim Hough, 3 Gabriel Bowman & Lacy Moyer
Barrel Racing: 1 Roy Haldeman, Jr, 2 Vickilyn Bowman, 3 Tina Henry
Barrel Crawl Through: 1 Roy Haldeman, Jr, 2 John Kroener, 3 Mike Hess.
Scurry Race: 1 Tina Henry; 2 BriAnn Grumbling, 3 Roy Haldeman, Jr
Flag Race: 1 Tina Henry, 2 Roy Haldeman, Jr, 3 John Kroener
Potato Spear: 1 John Kroener, 2 Roy Haldeman, Jr, 3 Tina Henry
Apple Dunking: 1 John Kroener; 2 Roy Haldeman, Jr, 3 Tina Henry

4-H Puppy Club

The Lebanon 4-H Extra Special Puppy Club has been involved in fun-filled events. The members and their pups were in the Southeast Pennsylvania Small Animal show at the Reading Fairgrounds and all received blue ribbons.

The club sent two teams to the Seeing Eye Puppy Bowl, where the members did well in competition.

Halloween found the pups, members, and families marching in the Schaefferstown Halloween parade.

Do you know author Bill Irwin? He is the blind man who with his Seeing Eye dog Orient walked the entire 2,100 miles of the Appalachian Trail. It was an interesting event when all of the Pennsylvania and Delaware Seeing Eye clubs met at the Berks County Ag Center to hear Irwin talk about reasons for walking the trail, his experience with his first bear in Pennsylvania, the -20 F degree fahrenheit temperatures in Maine and many other events. Many people purchased his book, "Blind Courage."

Children from the age of nine to adults are invited to join the 4-H Seeing Eye Puppy Club and raise a German Shephard, Labrador, or Golden Retriever. If interested in more information, contact your county 4-H agent.

Plans for the coming months include visiting Candylane, the local library, Life Support, a mall walk, and bus ride.

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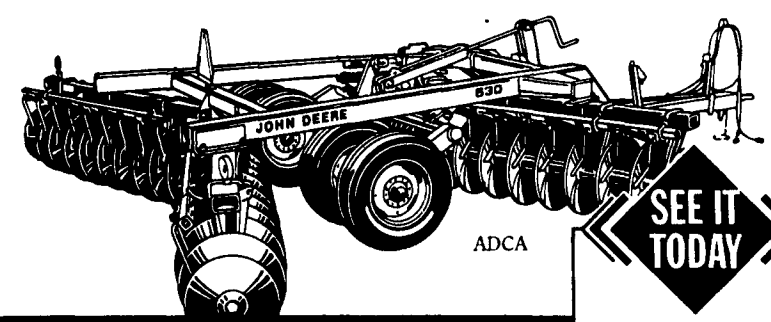

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To attract nuthatches, chickadees and woodpeckers, put suet on the menu. Suet, the hard, white fat trimmed from cuts of meat, is usually available in the meat section of the supermarket. Put a chunk in a mesh bag (like those onions come in) and hang it in a tree.

Another suggestion is to find a section of dead tree limb about eighteen inches long and two to four inches in diameter. Try to find soft wood, such as pine. Cut the side branches two inches short (the stubs provide convenience perches for the birds), and drill holes 3/4' deep all over the log. Attach a screw-eye at the top. Fill the holes with suet (or peanut butter), put a wire or string through the top screw and attach the feeder to a branch.

Or, you might find a large, open, dry pine cone. Tie a string to its base and spread peanut butter over the cone. Roll the cone in seeds or oatmeal and hang from a tree branch.

Remember, feeders should be hung high enough that dogs and other animals cannot easily pull them down but low enough that the feeders are easy to refill.

Offer suet and peanut butter only in cold weather when there is less chance these foods can go rancid. Rancid and moldy food is very harmful to birds.

Blue jays, robins, cardinals and cedar waxwings like fruit and berries. Add raisins and chopped apple and banana to the birdfeeder for them.

Chickadees, finches, cardinals and grosbeaks prefer sunflower seeds; black oilseed sunflower seeds have more energy than other sunflower seeds. Sparrows, goldfinches and mourning doves like small seeds such as white millet, cracked corn, and canary seed.

For seed-eating birds, try making seed cakes. Put the seed mixture into a muffin pan and pour melted suet (melted over low heat) over the seed. Stir and let the cakes cool. Place these treats in a suet feeder, windowsill feeder, or on a feeding table. Store extra cakes in a sealed bag or in the refrigerator.

To make an all-purpose birdseed mixture, combine five pounds of sunflower seeds with twenty-five pounds of coarse chicken scratch feed. Don't let the mixture get wet or it will become moldy. Any moldy birdfeed should be discarded where birds won't get it.

Remember, too, that birds need water, just as we do. If the feeder is not near a natural source, provide water. In the winter the water will have to be replaced frequently when it freezes.

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Planer moulder, Yates American 4 sided with roller bearing and six knife round cutter heads exc. $1500 OBO. Lanc. Co 717-354-0192.

Wheel horse garden tractor 14 HP hydro trans, hydro lift 42 in. deck snowblower gardins blade, good cond. $1000 firm. 215-322-5073 Bucks Co.

Tractor cab to fit WC AC, can fit others. Safety glass, 4 ft. wide, 52" long, 5 ft. high. Warren Co. 908-362-6598.

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Lilliston 14 foot folding Batwing Rotary mower $1500 4x4 round bales mixed hay $15 each Adams County, Pa 717-642-5285 call anytime

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Champion coal stove good cond., modern Welco sewing machine w/nice cabinet, oak chest. Lanc Co Elam B. Fisher, 142 Harristown Rd., Paradise, Pa 17562.

Plastic egg cartons, 10 or 12 bundles. 215-273-3598.

Corn crib 5"x20' good oak slats, dismantle & remove, 70 Chevy truck engine 250 6 cyl. best offer on both. York Co. 717-927-6970.

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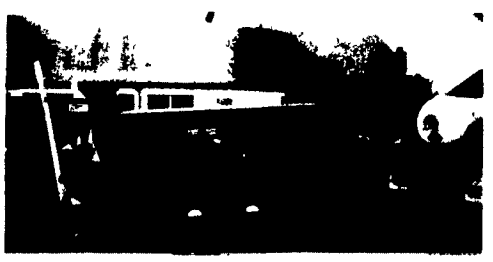

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JANUARY 8, 1993

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- ★ Floor Plan Of All Exhibits
- ★ List Of All Exhibitors
- ★ Various Farm Show Features
- ★ Keystone Farmer Resumes

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JANUARY 9-14
1993

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Bird baths for Christmas, planter pots & walk blocks, Lanc. Co Nickel Mine Brick Works, Elmer F. Stoltzfus, 406 E White Oak Rd, Christiana, Pa 17509.

Single axle tilt bed farm tractor 7'x12' heavy construction Berksco Perry Twp., Hamburg, RD 2, asking $1500. 215-562-7394.

AC XT190 w/pulley, 1936 L case, LA G Case parts W9, WD9, TD9 parts VF Wisc. engine. Aaron S. King, 155 Herr Rd, Ronks, Pa 17572.

Ford 800 tractor, live hyd 3 pt. hitch, new tires, good cond, $2950 Col Co 717-784-1779.

JD 7206 WF 3 pt. "46" JD D w/elec. L plow complete, parting out B LA, unstyled D hood. Lanc Co. 717-733-0575

1979 Nova for parts, 1979 Subaru 4x4 wagon for parts, 6 cyl Chevy engine, Chevy & Ford tailgates Berks Co 215-589-2449.

2 seated Mennonite carriage, also grain drying fan 36" 10 hp single phase. Lanc. Co no Sunday calls 717-354-9916

JD 3020 D WF S C CB N T $6,000 OBO, Oliver 77 w/cult, MacKissic transport PTO f grinder $550 OBO, good quality oats $2 25 bu Montg Co 215-256-8533

Gehl 600 forage harvester w/hay pickup & 2 row cornhead, in good shape, asking $2500 Montg Co 215-723-6307.

Hydro stove, burns coal or wood, heats hot water, excel cond, owner retiring Bucks Co 215-348-3687

Christmas puppies mixed labs, 6 wks old, $30 ea, 85 Ford Bronco II V-6 5 sp, $3895, also free kittens Berks Co 215-367-5888 or 679-5637 lv mess.

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Cute baby bunnies, Kenmore coal & wood stove good cond Lanc Co Call between 7-7:30. 717-656-7742

4- 8 bolt wheels 16 5x6.75 $100, alum truck cap fits Mazda lb $50 Mont Co. 215-723-7437.

AKC yellow Labrador pups, will be 7 wks old till Christmas Lanc County 214-445-4282

14x30 wood silo, fair shape, stored inside 215-381-3766 or write Adam Kuehner, R2 Box 404, Kunkletown, PA 18058

J.D 148 loader Delavel DV 300 milkers Wanted 12 ft disk. Bedford Co 814-793-2423

Hay for sale Call 410-658-4501 Cecil County, Md

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IH 1456 w/duals, 13' Krause disc, NH 479 haybine, AC field finisher, Int 10' disc, NH flail spreader. Lanc. Co. 717-768-3830.

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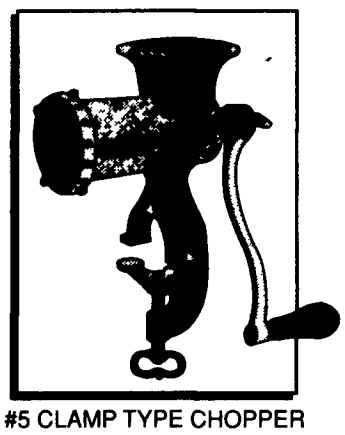
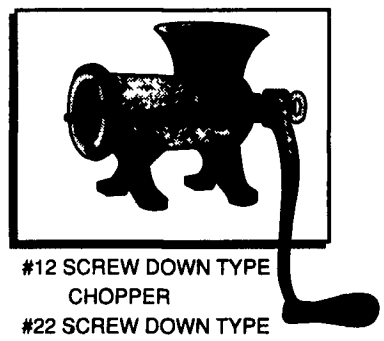
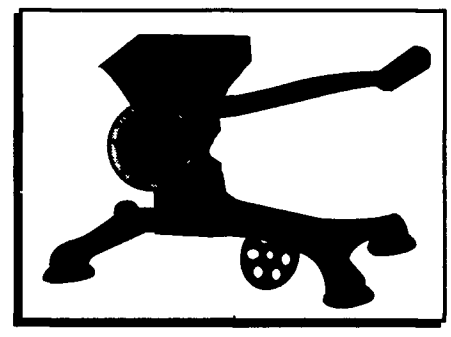


#5 CLAMP TYPE CHOPPER
#10 CLAMP TYPE CHOPPER



#12 SCREW DOWN TYPE CHOPPER
#22 SCREW DOWN TYPE CHOPPER
#32 SCREW DOWN TYPE CHOPPER



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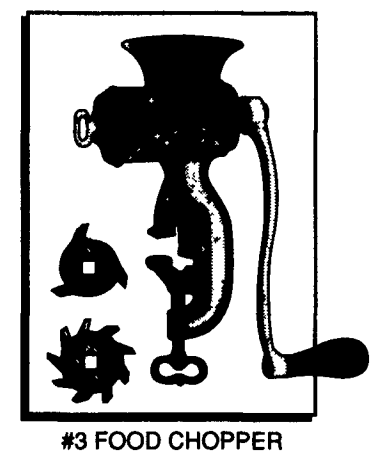

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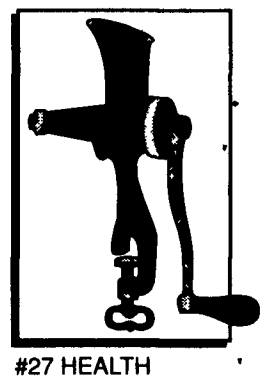

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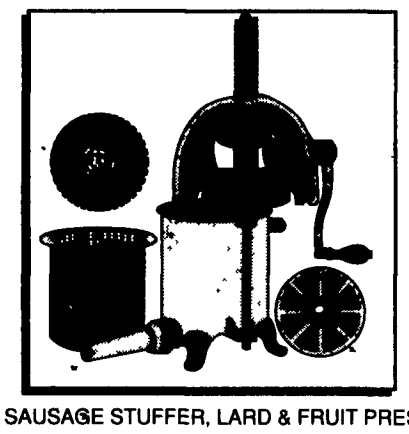

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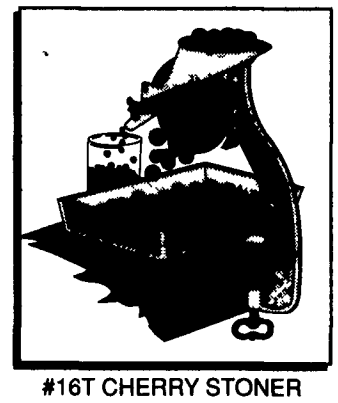

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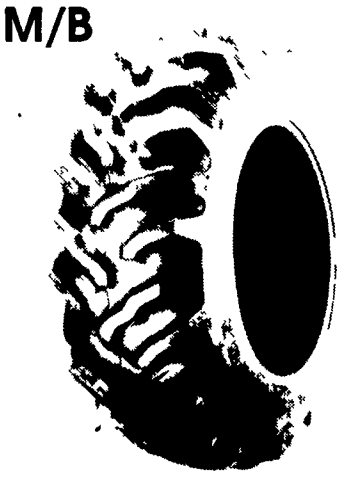

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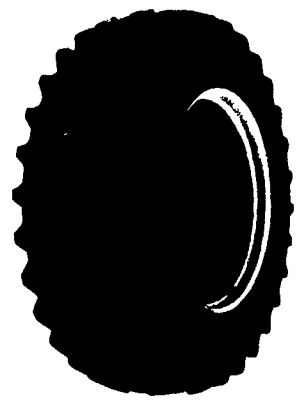

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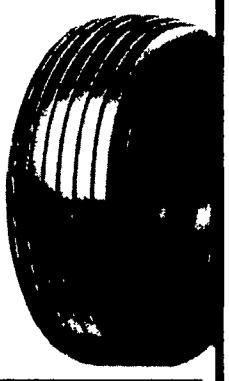

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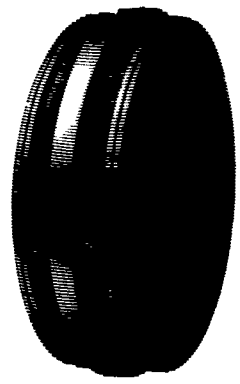

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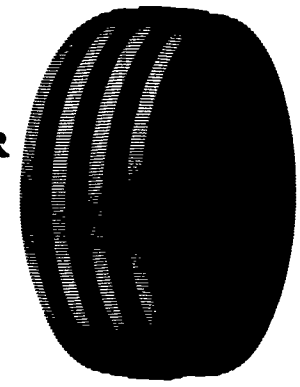

Size	Ply	Price
1000-16	8 Ply	$ 86.00
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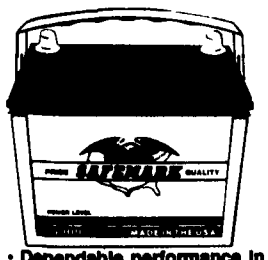

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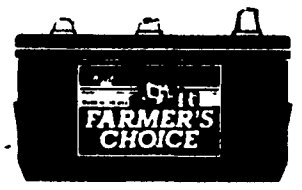

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Dappled grey TB mare, 5 yrs, 15 1 h, $1500 17h TB mare, 6 yrs, never raced Many others, come see! Chester County 215-932-0455

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AKC English Springer Spaniel puppies Liver and white Ideal hunters, pets, or Christmas presents! Shots, wormed, very healthy Schuylkill 717-648-4484

Holstein feeder steers 7, 750 lb 62¢ lb, 7 450 lb 64¢ lb Vaccinated, wormed Schuylkill Co 717-739-4713

AKC German Shepard pups $125 Carriage good cond, 7 yrs old $2400 717-354-6667 Call 7 30-8 00 A M Lanc Co

14 pc Lifetime guaranteed stainless steel waterless cookware set with steam control lids, Never used, $360 Union Co 717-922-1502

Warm Morning coal stove in good condition, model 523 Noah Yoder, RD 1 Box 107, Reedsville, PA 17084

55 gallon barrels Non-hazardous material Ideal for burning barrels or storage Lid, locking ring included $8 Northampton County 215-767-0289

Pettibone Timber skidder, 353 Detroit w/gearmatic winch, old but sound, ready to go $4000 A A County, MD 301-855-8155 after 6 p m

Ford 4000 diesel recent overhaul P S LPTO 3 pt w/mower 3 pt Wood's C-80 both in excellent cond Can Deliver $4200 410-877-7015

Hand hewn beams 25' 37' long groove floor boards 4"-12" 14'-15' joists chair railing wainscotting fire place trammel 215-678-1439

Strat Ford coal stove 75000 BUT used 1 year $700 Call eve 717-865-2529 Lebanon Co

3 Polavis snowmobiles, like new, two with 300 miles or less, one classic, one Indy Monmouth County 908-577-8113

Mannlicher Schoenauer rifle, model 61MCA, 30-06, 3x9 Leupold, sling, Case, like new $1200 908-446-2548 Monmouth County, NJ

1941 JD B, runs good, new tires JD LA, runs excellent, new tires Call after 5 p m. 304-289-3440.

Singer model #7050 computerized was $1000. 4 wks, old asking $500 Also Delux Singer portable $100 717-866-5555 daily 9-5 Strobel's

Ford 87 Tempo GLX 4 dr automatic air PDL, new tires, good engine, color tan York Co 717-741-2215

Ford Super cab PU 1983, XLT, AC, Auto, 460, excel cond $4500 Chester Co 215-326-5951

1958 Massey Ferguson tractor model MF65 3 pt hitch, good rubber, runs great $3500 609-653-9005

#5 turett lathe, 3 head vertical mill w/tracer, 3' radial drill press, 6"x18" surface grinder, index head 16" shaper Blair Co 814-944-0818

New woolen rug material light and med gray, cheap, your price Lanc Co 215-445-4557

Beautiful hand made hydrongea wreaths with bow, call evenings 717-464-3682

Pair Percheron work horses 6-7 years old, good broke lot of snap! Timothy H Martin 1231 Woodlyn Dr, Denver, Pa 17517

Purebred Boston terrior pups, nice Christmas gifts, wormed 7 weeks old, 8 to choose from Lanc Co 717-354-5637

1977 Travel trailer, 35 feet custom built 2 tipouts, ex cond 42400 BO Sussex Co 201-398-7954

16 foot flat all steel dump bed twin hoist and pump good cond $300 Harford Co 410-692-2324

Registered border collie puppies, males, six weeks old, both parents working, great as pets or stockdogs Bucks Co 215-675-7221

Trained, young started border collies, for cattle or sheep Red, black bitches, tricolored male Exceptional pedigrees Trail/farm Fully guaranteed 814-356-3366

Wurlitzer piano, early american, electric hospital bed, gold electric lift chair, Bucks Co 215-547-3446 mornings or evenings

LB White heater 60,000 BTU LP w/thermostat used 2 wks $350 14 amp electric unit heater Wanted 12Wx14'H or larger insulated garage door 717-354-5691.

Angora goats (white, colored) white doe, 2 yrs, bred to black buck $275 Bred white doe throwing color $350 215-257-8847 evenings

Winross truck, Hersheys Chocolate World $125 Lehigh Co 215-395-3562

1974 Chevy truck 33,000 GVW air brake's 427 engine 5&2 speed long wheel base $3000 or best offer Berks 717-933-4721

1989 GMC 1500 SLE Sierra 4x4, V8, AT, loaded, tutone paint, low mileage, like new Lanc Co 717-733-8921

Axeman Anderson hot water stroker. Rebuilt recently includes all controls, circulator, and new drive motor $500 Franklin County 717-762-7636

Scottie puppy, 9 weeks old, male, shots, wormed, paper broke $125. Berks 215-926-2280

Tractor Farmall M good motor plus many good parts $250 Atlantic County, NJ 609-965-2929

Xmas present mare pony good with children $325 14 H Arabian gelding 3 yrs broke $1,000 OBO Mary Coleman, Huntingdon 814-448-2821

Purebred polled hereford bull 21 mo old nice for b, 3 point 2-bottom plow $175 Call 717-384-3367 leave message Schuylkill

Plate glass racks for 8 ft pickup $975 Plate compactor $875 Woodworking 3-head sticker (belt-drive) 4850 Northumberland Co 717-286-5306

5 H P cooling unit for bulk tank, DeLaval bucket milkers, stainless steel wash vats and table Cambria County 814-472-8554 after 7 p m. only

7 yr saddlebred, 8 yr. saddlebred, 2 yr Morgan. S Levi Stoltzfus, RD 2 Box 376, Parkesburg, PA 19365

Water tank 10,000 gal rail road car tank $300 Call 717-738-1327

Black saddlebred gelding 8 yr old family horse. Joseph E Blank, 158 Blank Rd, Narvon, PA 17555

AC-3 bott. s-coupler plow $150. Ford 351M engine $300 Trade for s-coupler corn plater or 3 point 4-bottom plow. Tioga Co 814-326-4756.

Five 3 year old chickens, free. Wanted LaManche ram for breeding with ewe .22 and 222/20 gauge for sale Chester 215-269-2858

Patz stable cleaner counter clock wise 150' chain $300 Esco milk tank 250 gal good $300. Blair Co 814-695-3293

IH #37 10' transport disc, JD 10' cultipacker with 4" axle $1400 for both or $750 each. York Co 717-235-6733

1980 Ski-Doo snowmobile with cover ex cond $800 OBO Lanc Co. 717-872-5514 after 5 p m

Accordian, 120 bass, good condition $225. 1878. Horse drawn plow $35 Antique old fashioned grindstone $25 Berks Co 215-693-5624

Const trailer dovetail 25,000 # fair cond $2000 OBO. elec brakes Bucks Co 215-822-9700.

Burger Master all stainless steel hamburg patty maker ndustrail grade Mass produce hamburgers in minutes $500 North'd County 717-425-2746

1975 GMC, 21,000 GVW, 12' flat bed dump truck in good condition with V-8 engine & 2 speed axle Asking $2900 717-532-4882

New Idea rebuilt No. 12 manure spreader Also wanted New Idea spreaders for parts Mifflin Co Hostetler, RR 01 Box 243-A, Reedsville, PA 17084

8 hives bees $45 @ 16' drag harrow $275. Swartz front end $200. MF Super 35 combine Union Co 717-966-0875.

Fainting goat 1 buck, 1 doe, 2 kids 400.00. Lanc. Co 215-267-2782

75 Chevy 4x4 V8 auto, 700.00 79 GMC Jimmy 4x4 lock-outs V8 auto, 1500.00 both need body work 7950 barn 4x4 all inspect York Co. 717-246-1964

1905 2-seat autotop surrey manufactured by Novelty Carriage Works Inc Wilmington, DE Ex. Cond call after 6 p m Caroline Co 410-754-5405.

Auchy 1-hole furnace $100. 2 gal. sausage stuffers $65 strad. violine A-1 shape $350 73 rear crome truck bumper. LN York Co. 717-225-6169.

Texel & Poly (Ram) $125 Born 2-29-91 Wayne Co 717-698-5497.

Baby donkeys for sale will hold till Christmas, Other donkeys also available. All very friendly Sussex Co NJ after 7:30 p.m. 914-856-6413

AKC Norwegian elkhound puppies, wormed, shots, ideal temperment, right age for Christmas. Lanc Co. 717-656-6352

1 pair of silver pheasants $60. Lower Bucks Co. 215-750-1231.

One horse sleigh restored in ex cond 717-442-8149 Lanc. Co. between 7.30-8 00 a m.

Started capons all size orders welcome, delivery available. Also do caponizing We will travel, very experienced Lanc Co 717-285-7748

1984 Dodge Aries SW, needs engine, 4 sp, good body $400, large heavy 20" table saw, no motor $100 Berks Co 215-944-0254

4 horse gooseneck trailer with dressing room $3000 OBO 1991 Bay fillie AQHA incentive fund 15H $2500 OBO. Berks Co 215-987-6887

Fire wood cut in 3 ft. lengths. Lanc Co 717-626-5505

2 female fox terrier puppies, 6 weeks old Lanc Co 717-442-8277

Oliver 770 gas on steel 3 pt fast hitch and pulley $750 Wanted axle for Case 1740 uniloader. Lanc Co 717-733-8434

1979 Arctic cat pantera ex. cond. clean sled. 2500 miles. Asking $795. Leb Co. 717-273-2898 after 4 pm or weekends.

IH Pr1 picker for parts $100 Dauphin Co 717-944-7202

1962 Int 4x4 model 120 for all gd parts & motor $300. F3 Ford 4 spd. trans. $50 antique 150 ft of hay mow track $50. Montg Co. 215-539-5045.

1985 Suburban Silverado ¾ ton 4x4 all factory options with power angle snowplow, good cond Bedford Co 814-842-6319

Silent grow portable heater model 1D & wood stove two caps for 8 foot pickup. Lanc Co 717-285-5813

John Deere LUC power unit, good cond $425 3 HP economy hit n miss restored on cart $950 Somerset Co 814-445-8151

Everbest queen size waterbed, metal frame $500 Apple IIC Computer $300 Bathtub w/feet $75 Wooden 4-drawer file cabinet $20 Leb Co Harvey Nye Jr RR 1 Box 505, Palmyra, Pa 17078

3 nice butchering hogs 300 lbs Franklin Co 717-597-4494

Ford 5000 diesel, select-o-speed, bad transmission, new 15 5x38 rubber $2000 or best offer North'd Co 717-649-5435

1940 Ford 9N tractor, mint orig cond Ford script tires, cast grill, factory chrome parts, single plow $5900 firm. Kent Co 302-492-8225 eves

200 gallon 3 PH sprayer, 35' booms, 20" and 30" nozzle spacings, 5 years old Washington Co Md 301-797-4604

Oliver tractor for parts, 1650 diesel, blown block, WFE hydra-power, tires 60% asking $1500 717-568-1051 evenings Union Co

7' Meyers snow blade with hydraulic cyl. with hose, York Co. 717-428-1284.

Ford tractor, front end loader, 8N, good cond, wheel weights, new rubber on rear wheels 2,500 Call 717-436-9795

Allis Chalmers Model B tractor, new tires, ex running condition, needs paint, with cultivator and plow $1200 firm Centre Co 814-692-5248

Ford 801 select-o-speed front-rear wheel weights, Sauder loader and snowplow, full winter cab, rear chains $4200, 44 HP Bucks Co 215-348-3918

Llama, female, registered, eight month old $4000 Fainting goats 4 female, 1 male registered $750 Ct 203-564-2579

Int'l Cub lowboy farm tractor wheel weights, chains, hydraulic snowplow PTO ex. cond $1800 Somerset Co. NJ 908-234-2397 Bedminster 07921 after 5 p m

Baby corn snakes (red rat snakes) 30 00 Poison arrow frogs 35 00 Lanc Co. 717-738-2755

12.2 hand sorrel mare pony, rids and drives, single, double 4 in hand Chester Co 215-495-5595

Polled hereford heifers and bred cows to freshen Feb and March Juniata Co 717-463-2737

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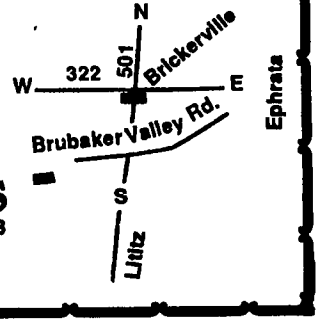

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Hay, top quality alfalfa, good green color average 50 lb. bales $4.00 per bale 4th cutting. Lanc. Co. Answering Serv 717-354-4374.

Gravely 7 6 walk behind elect start snow blade $600 Troy bilt tiller 6 HP $650. John Deere 4 wheel cart $250. Del Co 215-358-0725

Available Jan 1st, while they last Boat covers by the dozen. Money back guarantee. Twelve covers $350 Lycoming Co. 1-800-874-2928

Rabbit hutch with 12 separate hutches, self feeding watering and clean out system, good cond. Lanc. Co. 717-394-3607.

House on Market Street with two apt's and 2650' warehouse in Selinsgrove, Snyder Co. for information call 717-374-5678 $160,000.

New hitch Jack for NH 256 rake $95. Amos S. Fisher, 467 Marticville Rd., Conestoga, Pa. 17516 Lanc. Co.

Mercedes diesel, four door, ivory color, stick shift, good condition, $3000. 78 model 240. Leb. Co. 717-273-6018

1981 VW rabbit diesel $1100. 1976 F250 Ford PU $600. York Co 717-382-4754

Alpho one weight exercising system 365 lb/like new. cost $900 new, $500 OBO 6-8 PM weekdays 215-856-7167 Berks Co

T-5 IHC crawler 32 HP 2 valve hyd. torque PTO, good cond $3500. Leb Co. Pa. 717-865-7205 or 865-7069.

100 gal. oil tank 1972 Ford van glass top dining table, bench grinder. Berks Co. 717-933-4397.

Jack Russell terrier puppies, males $150. Females $175. Pedigree included. Deposit will hold for Christmas Delivery possible. York Co. 717-697-1779.

Tractor 4x4 loader 450.00. Concrete mixer 75.00. Lanc. Co. 717-354-0018.

Walnut & Cherry Lumber also lowest post 3"x5"x8' Franklin Co. 717-532-6619.

1955 John Deere 40 fair condition, 3 point hitch, new battery 2-16' homemade sheep feeders, Franklin Co. 717-532-6079.

Oliver HP 70 head, 1828 front axial, HP 70 std parts, 60 70 80 parts York Co 717-741-0274.

6-12"x12"x30 ft. oak beams; Continental 6 cyl. gas engine; Clark 6,000 lift for parts. Dauphin Co 717-362-9991.

Sunnen Hone machine mod. 550 with hones $95. Mod. A Ford eng apart 75.00. York Co 717-292-3484.

Holstein bull, 20 month Blackstar son, dam 31,000, 1050 fat, 1064 protein. Amos Fisher, 2114 Pequea Lane, Lancaster, Pa. 17602.

600 lb. Clark forklift and 10,000 lb. Yale forklift in A1 condition, both have dual wheels, priced to sell! Clinton Co. 717-726-6894

Snowmobile 1988 Ski-Doo Stratos w/trailer tach hand warmers etc. Seats 2, garage kept. Ask $2700 Salem Co 609-589-2157.

Snowmobiles: Polaris Cobra 440, 1978 Ski-Doo TNT340, 1976 with double railer $800 for all. After five 609-758-9182

1 registered Hackney pony green broke 3 yr. old. Kauffman, RR 02 Box 11, Honey Brook, PA 19344 Chester County.

Jet pump and 12 gal. tank combined as water system new condition Sears pump 1 h p. motor all for $150 717-755-8068 York

Blacksmith Little Giant power hammer $1250 JD-L plow $150. Flat bed shop cart $100 Wanted Hossfeld bending-forming pies. 717-755-4797.

Spreader air-flo like new $1500. Firm 908-938-2593 Monmouth, NJ Used once

20' tilt bed trailer, 12,000 GVW, electric brakes, electric winch, tandem axle, low loading angle, diamond plate deck $2500. 215-756-4355.

Registered Angus bull, 4½ yrs old, Devereux Soleil Viking 815, very gentle, $1000. Call Charles Harley, Berks Co 215-689-5465

Miniature Donkey, tiny Jack, 3 weeks old, adorable, will keep till weaned, Ex. Christmas gift! $500 Balto Co Md. 410-592-6789.

Woodburning stove (Keystone stove Ronks) 4' long x 2' round, water jacket with or without controls, must sell, best over $400 Lanc Co. 215-267-7132.

3 pt. bale spear 30 round bales oats straw 4x5 Franklin Co. 717-328-5302.

35 feeder pigs. Northumberland Co. 717-758-2078.

1977 Ford LTD wagon $300. Dunham-Leir loader fits 620 J D tractor front wheel weights Massy 35 tractor. Chester 215-286-9284

Black Angus ready to butcher 73¢ lb live or hanging half $1 25 lb Alfalfa and grass seed drill 20 disc 7 foot wide $150 717-859-2061 or 717-627-0845

Skid-steer loader excellent condition $3900 pair. 15.5x38 tires $300. NI 206 manure spreader ground drive like new $1385. 9 N Ford tractor $1675. 717-354-5908

South Bend 10" lathe, Sheldon 13" lathe. Both on stands, complete with tooling. Westinghouse 300 AMP TIG welder 3 Ph Berks County 215-693-6533.

New Idea flail chopper; 305 Chevy motor. Wanted: Bunk feeder wagon w/ sides; 16' Patz silo unloader 717-345-8815 Schuylkill Co

Columbia kitchen range David Stoltzfus, 57 Griest Rd , Nottingham, PA 19362 Lancaster County

A C. tractors WD 45-w-loader, G & cult , D-17 wide, loader for C Farmall, 357 N H Mixer Mill, 1972 Buick 10 ton Flour Jack Lanc Co 717-733-8708

300 silkies chicks, 4 weeks old and one free dog lab and sheep mix, 4 yr old 717-738-1759 Lanc Co.

Wooden calf hutches $69 Calf Kennel $350 Horseradish, retail, wholesale Roy Fisher, 90 Hess Road, Quarryville, PA 17566 Lanc County.

AKC Golden Retriever female 6 weeks old, Dec 20 $200 Frederick Co MD 301-447-6288 No Sunday calls please.

Reg Holstein Heifers 3 bred due June 2 open 1 yr old 1 2 yr cow Fred Co MD 301-447-6401.

IH and NI parts corn picker, NI pull type PTO 7 ft mower 2 N H 77 balers Sch Co 717-345-4664

Four P205/75R15 tires, oak dry sink, roll top oak secretaire, dove-tailed walnut chest, quilt rack Lanc Co 717-665-5513

96" Fiberglass pick-up spring wagon New body, rebuilt gear and wheels $2600. Country Lane Coach Shop, 700 Country Lane, Paradise, PA 17562

MAILBOX MARKET WANTED

House-barn acreage w/ pond or stream secluded, North'd Snyder Co. area, any condition. Bruce Konek 215-767-1413

Salesman's sample windmill, metal or wood, alos used windmills. Ken O'Brock, RD #1, North Benton, OH 44449 Mahoning Co. 216-584-4681

Round hay bale feeder. 908-756-5895 Plainfield, NJ.

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Old model airplane engines with minature spark plugs, made between 1939 and 1949 and related parts 215-670-9544 Berks Co

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John Deere or Ford farm tractor with front end loader and detachable hoe preferably diesel in fair condition Lanc Co 215-267-4045

Used milking equipment We need dumping stations, pipelines, takeoffs, bucket milkers, weigh jars, milkers etc. E-Zee 717-768-7599

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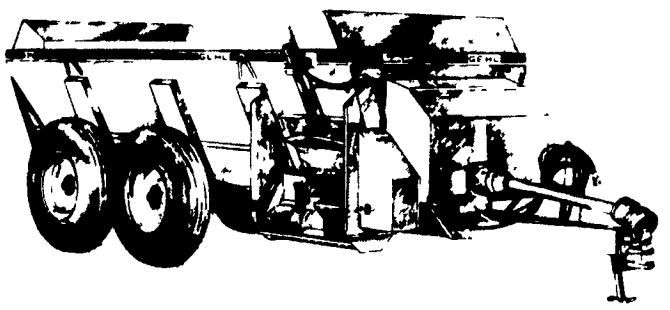

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Open pollinated field corn Will buy ears or bushel Send info to: Demas Moyer, 243 Maytown Road, E-Town, PA 17022.

Information wanted on Reid surface grinder, flat belt type, very old books, pictures, I need help York Co 717-764-2038

Sputnic mills porter. Fisher, 729 Bunker Hill Rd , Strasburg, PA 17579

Set of fenders for John Deere "H" or just R H Any condition, any location Howard County 410-489-4993

1655 or late model 1650 or 1750 Oliver tractor Engine can be bad but rear end must be good 215-682-6094 Berks Co

Meadowbrook type pony cart, rubber tires or pony buggy. Luz Co 717-287-2138.

Horse or large pony for beginner child on small family farm Must be gentle Berks Co 215-582-4152

Cattle headgate, scales, Zetor 5245/6245 cab loader Mill Creek Farm, P O Box 200, Broker Hill, W. Va 25413 or 304-229-2405.

Milk cooler compresser must be belt driven three H P or more Have electric compresser will trade Ammon Yoder, RR 07 Box 402-A, Dover, DE 19901

Metal feed bins, need two sizes, 6-8 or 12 ton capacity Phone 412-677-0554

To buy for salvage old mills, early carriage houses, loghouses, old farmhouses, large chestnut logs Evenings 717-334-6223

Pony or small horse, gentle, suitable for small children Berks Co 215-683-5452 please leave message if needed

Carpenter to make bookshelves around my fireplace, plus an oak kitchen TV & micro cart Chester Co 215-383-5280

Maytag gas engines, any condition or parts, IHC 8-16 parts tractor Ben Kinsinger, RR 01 Box 234A, Meyersdale, PA 15552

Oper manual/Sears Penske auto analyzer #224 21033 on copy Luz Co Phil Faust, RD 2 Box 585, Drums, PA 18222

4 Wheel Drive Payloader, Michigan 125-A gas motor for parts 908-782-3671 reverse telephone charges Hunterdon Co Flemington, NJ

Standing or downed hardwood trees for firewood Berks, Chester, Lancaster Cos Berks Co 215-856-7392

Mower Seven to 10 feet twin or triple spindles must be good to excellent condition York Co 717-938-9854.

Plans for horse drawn sleigh Call 412-246-7601 anytime.

Used freestalls and W belted heifer about 300 lbs to 400 lbs. must be in good health. Call Paul at 410-658-5450 Cecil County, Maryland

Brooder stoves, chicken catching wires, plastic crates, pressure washer Jim Schopf, 3493 Marietta Ave , Lanc , PA 17601 Lanc Co 717-285-7748

Divco truck, small home delivery type, any condition, or other make George, Berks Co 215-678-4394

2073 Angus or Angus cross 400 or 500 pound steers also 2-14 or 2-16" 3 point plow and 3 point 2 row corn planter Lanc Co 717-367-2015

Parts for John Deere G front wheel rim 16" & air stack & John Deere hoe grain drill. Call 215-285-6313.

300 or 500 bushel grain dryer and 9 foot discbine Adams County 717-624-2881.

Single harpoon Haymon forks. Also other unusual forks, like the screw type etc Write. Robert Rauhauser, RR 02 Box 766, Thomasville, PA 17364

Used go-cart in non-working or fair condition 717-933-5145 Berks County

Market wagon with fiberglass body Must be in very good condition Alvin Glick, RR 02 Box 547, Parkesburg, PA 19365.

Cults parts for Super A three 140 Farmall or set Sale 471 Detroit motor $900 Farmall snowplow $250 Bucks Co 215-598-7546

Front end loader with hydraulic bucket to fit Oliver 1650 or similar size tracotr $500 price range. Lehigh Co 215-966-3819

4x4 truck/parts, prefer late 60's Dodge, low mileage, 10x20 Budds, will pull & haul. Centre Co 814-355-1853 leave message.

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Farm house for rent with dairy barn for 50 cows, available Jan. 1993 717-949-3737 Leb. Co.

Need music to the song "The Santa Claus Express" Chester County 215-827-7720.

Sale Reports

XMAS TREE SALE

A Christmas Tree Auction was held November 24 at the Buffalo Valley Produce Auction west of Lewisburg, Pa.

There were 5006 trees sold and they averaged $7.22 each.

Neil Courtney was the auctioneer.

PYLE SALE

A Public Auction of lawn and garden equipment was held December 5 by Albert H. Pyle, 242 East Quarry Road, Gap, West Sadsbury Twp., Chester co., Pa. There were 140 registered bidders at the sale.

Some prices received were: Honda 12 h.p. lawn tractor $1500, Honda 8 h.p. riding mower $525, MTD snow blower $400, Troy Bilt mulcher $1050, 8 h.p. shredder $525, Mini rototiller $90, large ceramic kilns $250 & $400, small ceramic kiln $70 and wood stove $130.

Stephen J. Barr and James S. Davis, Jr. were the auctioneers.

REAL ESTATE SALE

A Real Estate Auction was held December 5 by Coldwell Banker MGM Realty Auction Co., 43 Center Ave., Jonestown, Pa.

The 3 bedroom Cape Cod house on a large corner lot was sold for $84,500.

Jim McClellan was the auctioneer.

DISTER ESTATE

A Public Auction of antiques was held December 5 for the estate of Charles W. Kuster, Sr., at 214 West Chestnut St., Selinsgrove, Pa.

Real estate consisting of a 2½ story house on a 160 by 180 foot lot was sold for $47,750.

Other prices were: 2 pc. blind-door corner cupboard $1500, Duncan Phyfe style sofa $250, Duncan Phyfe style leather top desk $240, Fisher stereo system $110, maple table & chairs $140, small medicine cabinet $100, wooden bushel measure $40, pine blanket chest by George Romig $240, painted mahogany chest of drawers $100, cedar chest $90 and child's highchair $55.

Kenneth E. Hassinger and Neil A. Courtney were the auctioneers.

FRANK SALE

A Public Bankrupt Auction of a farm was held December 5 by Lawrence G. Frank, Trustee, 1½ miles from Mansville, Pa.

The approximately 140 acres with 2 houses was sold for $210,000. It included 90 cleared acres and 50 acres of wooded land.

Claude C. Wolfe was the auctioneer.

BENNER ESTATE SALE

A Public Sale of real estate was held December 5 for the estate of Susie G. Benner, Richfield, Juniata, Co., Pa.

The brick rancher located on more than an acre was sold for $118,000. The second parcel of less than an acre with no buildings was sold for $8000.

Long's Auction Service managed the sale.

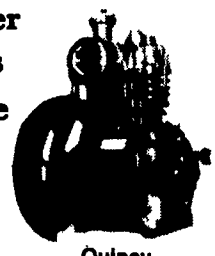
PLEASANT VIEW HOME SALE

A Public Auction of real estate was held December 7 by Pleasant View Home, 731 North Penryn Road, Manheim, Pa.

The 57.4 acre farm with a large frame house, 40'x100' frame bank barn, attached tobacco and corn shed, small milkhouse and 3 car garage was sold for $350,000. The property was purchased by the Bartsch Family of Manheim, Pa.

John D. Stauffer was the auctioneer.

Hoover & Stauffer Air Water Pumps Sales and Service



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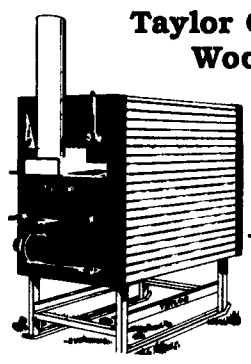

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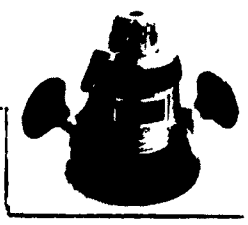

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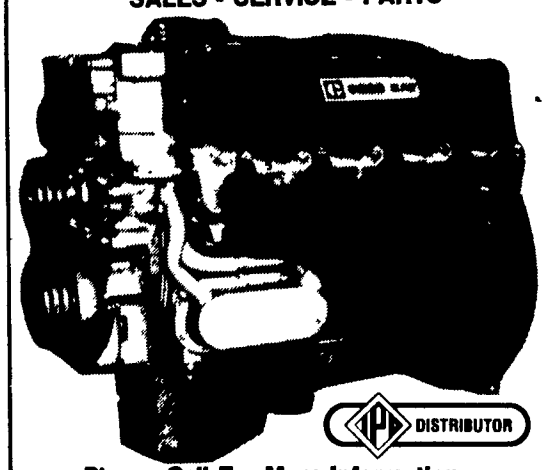

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Sale Reports

HORST CONSIGNMENT SALE

A Public Sale of items from several parties was held December 5 at the Horst Auction Center, Route 322 and Durlach Road, Ephrata, Lanc. Co., Pa. There were 315 registered bidders at the sale.

Some prices included: walnut Dutch cupboard $4300, 5 pc. mahogany bedroom suite $575, 2 oak stacked bookcases $450 & $475, 3 pc. maple bedroom suite $290, 4 pc. depression bedroom suite $275, Victorian side chair $230, Victorian love seat $170, hanf-spindleback settee $130, hanging corner cupboard $100, a set of Lenox china for eight $280, 2 antique cap pistols $115 for both and 1 pair of signed art glass shades with brass stands $150.

Other items sold included art pottery light signed "Van Briggie" $100, 7 Oriental Rugs $1800 to $340, 3 quilts $100, $275 and $500, paisley shawl $150, tray of costume jewelry $410, Royal Rudolstadt vase $130, Jacobean-style chair $115, mantle clock $85, 2 accordions $80 & $100, five-string banjo $110, historical blue plate with a scene titled "Landing of Lafayette" $150, large crystal chandelier $225, large pottery urn $120, pull toy $250, and Carnival glass stag-pattern bowl $100.

The auctioneers were T. Glenn, Timothy G. and Thomas A. Horst.

BOYER SALE

A Public Auction of real estate was held December 5 by Donald and Mary Lou Boyer, east of Morgantown on Hopewell Rd., Robeson Twp., Berks Co., Pa.

The stone house on a lot was sold for $134,000.

Horning Farm Agency, Inc. conducted the sale.

HERTZOG SALE

A Public Sale of real estate was held December 5 for Mary Jane Hertzog, Wallops Hill Road, West Cocalico Twp., Lanc. Co., Pa.

The 9 acre farmette with a 2½ story frame house, frame bank barn, 1½ story frame workshop and 3 car cinderblock garage was sold for $110,000 to Paul Weaver of Stevens, Pa.

H.H. Leid was the auctioneer.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

DECEMBER

SAT. DEC. 12, Arnold's 81st Hog Production Sale. Located At Lebanon Area Fairgrounds, Lebanon, Pa. Harry H. Bachman, Auct.

SAT. DEC. 12 - 8:30AM, Big Public Sale, Antiques, Furniture, Collectibles, Etc. Located At Chanceford Community Hall, Brogue, York Co., Pa. Route 74 Southeast From Red Lion Approx. 8 Mi. To Brogue Post Office On Right. Turn Right And Go 1/4 Mi. To Hall On Left. Mrs. Madalyn Hood, Mrs. Adelia Gilbert, Mrs. Estella Masenheimer, Mr. & Mrs. Thomas Williams. Bob & Tom Sechrist, Aucts.

SAT. DEC. 12 - 9AM Hay & straw auction. General consignment auction Household goods, tools, machinery, lumber and more. Kutztown Produce Auction, Inc. RD 4, Box 4153-A Fleetwood, Pa. 19533.

SAT. DEC. 12 - 9AM Winross, Ertl, Hess, John Deere, Tonka, Matchbox, pedal tractor & cars, antique toys. Winterstown Fire Hall, approx. 3½ mi. south of Red Lion, PA along Rt. 24. Melvin Haines, Ralph Brenneman, aucts.

SAT. DEC. 12 - 9AM, Public Auction For Edith Baldwin Estate Selling Fine Primitive Furniture, Antiques, Collectibles, China & Glassware, Cookbooks, Old Books, Hanging Tiffany Light, Brass Pcs., Signed Prints. Located At 6095 Old Philadelphia Pike, Gap, Pa Dir.: Approx 16 Miles East Of Lancaster On Rt 340 Or 1 Mile West Of Compass Next To Baldwin Mobil Gas Station Sale For, Edith Baldwin, Estate. Miller & Siegrist, Aucts.

SAT. DEC. 12 - 9AM, Miscellaneous Items. Located Approx. 3½ Miles N/W Of Taneytown, Md. At 3755 Baptist Road Just About 1¼ Miles North Of Route 140. Several Consignors. Calvin L. Amoss, Auct.

SAT. DEC. 12 - 10AM, Absolute Auction - Complete Liquidation Samuel Wanner & Sons, Inc. Located 2nd & Market Street, In Marcus Hook, Pa. (Directly Off I-95, Between Chester, Pa. And Wilmington, DE). Joe Boyle Auctions Inc

SAT. DEC. 12 - 10AM, Real Estate, Household Goods, Tools. Located From Ephrata, Route 322 West, First Road Left After Twin Pine Auto Sales, Wissler Road. Go To T, Turn Right Onto Burkholder Drive, Go One Block, Turn Left Onto Wissler Road To A Right Onto Middle Creek Road. At Y Keep Right To Property On Left, 700 Middlecreek Road, Clay Township, Lancaster County, Pa. Auction By, Russell R. Beyer. Paul E. Martin Auction Service.

SAT. DEC. 12 - 10AM Farm & dairy equipment, hay & straw. From Md 301 turn east onto Rt. 405, go 3.5 miles to Roe-Ingleside Rd., turn left and go approx. 1 mile to farm on right Kimstead Farms, owner. A Curtis Andrew Auction Inc

SAT. DEC. 12 - 10AM Annual Christmas Sale at Shady Lane Dairy Sales Inc, ¼ Mile West of Quarryville, Off Rt. 372 onto Oak Bottom Road and Shady Lane. Managed by: Shady Lane Dairy Sales, Inc

SAT. DEC 12 - 11AM, Outstanding Currency & Coin Auction. Located Akron Fire Hall, 1225 Main St., Akron, Pa Take The Akron/Brownstown Exit Off Rt. 222 (York 30E To 222N) (Reading 222S) (Hbg 283 E. To 222N) Robert V Polito, Auct

AUCTION

31 BANKS AND LENDING INSTITUTIONS OFFER
APPROX. 175 REPOSSESSED AND LEASE VEHICLES
Many Absolutes*
SATURDAY, DECEMBER 19, 1992 AT 10:45 A.M.
(Snow date December 22, 1992 at 6:00 p.m.)
Keystone Public Auto Exchange, Rt. 22/322 Between Dauphin & Clarks Ferry Bridge.

* 1992 Mercedes 300 SL Convertible, Red, 9,000 (M)
1992 Kawasaki Ninja ZX11, Black, 191 Miles
* 1992 Buick Roadmaster, V8, Loaded, 10,300 (M)
1992 Plymouth Sundance
1992 Hyundai Elantra Sdn
1992 Ford Crown Victoria
1992 Nissan Sentra XE, 13,000 (M)
1991 Chevy G20 Conv. Van, V8, AT, Loaded, 13,700 (M)
1991 Chevy Beretta GT, AT, Loaded, Green, 22,000 (M)
* 1991 Chevy Camaro RS, V8, AT, Ld., Black, 36,000 (M)
* 1991 Pontiac Sunbird CP, AT, A/C, White, 29,000 (M)
* 1991 Chevy Cavalier CP, Red, 34,000 (M)
1991 Dodge Ram 250 Conv. Van, V6, Loaded, 33,000 (M)
1991 Dodge Shadow Sdn, AT, A/C, Green, 25,000 (M)
1991 Chevy Camaro, 26,000 (M)
1990 Lincoln Towncar, Loaded, 42,000 (M)
1990 Dodge Caravan ES
* 1990 Ford Ranger XLT, AT, Black/Silver, 37,000 (M)
* 1990 Ford Thunderbird, V6, AT, Loaded, Blue, 18,900 (M)
* 1990 Chevy Beretta, 5 Spd, A/C, PW, PL, Blue
* 1990 Buick Lesabre Limited, V6, Loaded, 47,000 (M)
* 1990 Chevy Corsica, V6, AT, A/C, Maroon, 19,179 (M)
1990 Buick Park Ave, V6, AT, Loaded
* 1990 GMC 3500 Van, V8, AT, Minor Damage, 214,000 (M)
1990 Pontiac Grand Am, 37,000 (M)
1990 Hyundai Sonata Sdn
1989 Dodge Daytona CP, AT, White
1989 BMW 525i Sdn, AT, Loaded, White, 44,000 (M)
1989 Ebbtide 22.4 Catalina Boat, 5.7L Merc Cruis. w/Trl.
* 1989 Ford F150 XLT-4x4, V8-4 Sp, A/C-PW-PL, 36,000 (M)
* 1989 Toyota Corolla Sdn, AT-A/C-PW-PL, Wht, 27,000 (M)
1989 Mercury Cougar LS, V6, Loaded, 46,000 (M)
* 1989 Chevy Beretta
1989 Pontiac Firebird, Black, 45,000 (M)
* 1989 Plymouth Acclaim Sdn, A/C, Maroon
1989 Pontiac Grand Prix
1989 VW Jetta Sdn, 5 Spd, A/C, Blue
1988 Lincoln Towncar
1988 Ford Escort, 9,000 (M)
* 1988 Olds Delta 88, V6, AT, A/C
1988 Dodge Daytona, Black
1988 Saab 900 Sdn, AT, A/C, Red
1988 Chevy Astro Van LT, V6, AT, A/C, PW, PL, Brown
* 1988 GMC Jimmy 4x4, V6, AT, Loaded, 49,000 (M)
1988 Ford Ranger 4x4, V6, AT, A/C, PW, PL, 55,000 (M)
1988 Nissan Stanza GXE, AT, Loaded, Gray, 64,000 (M)
1988 Pontiac Grand Am, AT, A/C, Gray, 60,000 (M)
* 1988 Dodge Omni Sdn, 5 Spd, Gray
1988 Chrysler Lebaron, Sdn, AT, A/C
1988 Chevy Corsica, V6, AT, A/C, 67,000 (M)
* 1988 Dodge Caravan, V6, AT, A/C, 104,000 (M)
1988 Chevy Astro Van LT, V6, AT, A/C, Blue
1988 Volvo 740 Sdn, AT, A/C, Sunroof, 61,000 (M)
* 1988 Chrysler Lebaron Convertible Turbo, AT, A/C
1988 Hyundai Excel GL
1988 Ford Mustang, 36,400 (M)
1988 Mercury Tracer
1988 Buick Skyhawk
1988 Ford F150 TK, 33,000 (M)
1988 Honda CRX, 5 Spd, A/C, Yellow, 74,000 (M)
1988 Saab 9000 Turbo, 5 Spd, A/C, Red, 90,000 (M)
1987 BMW 325 CP, 5 Spd, A/C, PW, 74,000 (M)
1987 BMW 325i Sdn, AT, A/C, PW, PL, Silver, 71,000 (M)
1987 Subaru GL
* 1987 Toyota Celica, 5 Spd, A/C, Red, 70,000 (M)
* 1987 Lincoln Continental
1987 Pontiac Trans Am, AT, A/C, PW, PL, Red
1987 Chrysler Lebaron CP, AT, A/C, 77,000 (M)
1987 Plymouth Reliant Sdn, AT, A/C, 29,900 (M)
1987 Hyundai Excel, Red, 52,000 (M)
1987 Subaru CP, 64,300 (M)
1987 Plymouth Caravelle
1987 VW Jetta Sdn, 5 Spd, A/C, White, 70,000 (M)
1987 Porsche 944S, 5 Spd, A/C, PW, Black, 90,000 (M)
1987 Ford LTD
1986 Mercedes 420 SEL, Silver, 75,000 (M)
1986 Jaguar XJ6, AT, Loaded, Black, 56,500 (M)
1986 BMW 325 Sdn, AT, A/C, PW, PL, Gray, 84,000 (M)
1986 Lincoln Towncar
1986 Volvo 740 GLE, AT, A/C, PW, Gray, 100,000 (M)
1986 Mercury Topaz, 62,400 (M)
1986 Volvo 740 Turbo Sdn, AT, A/C, PW, Black
1986 Olds 442, Green, 10,400 (M)
1986 Chevy Iroc Camaro
* 1986 Chevy TK 4x4, V8, 4 Spd, Blue/White
1986 Pontiac 6000 Sdn, V6, AT, A/C, 79,000 (M)
1986 Porsche 944, 5 Spd, A/C, PW, PL, (Damaged)
1986 Ford Tempo
1986 Nissan 300ZX, 5 Spd, A/C, PW, PL, 65,400 (M)
1986 BMW 325 Sdn, Black, 5 Sp, A/C-PW-PL, 149,000 (M)
1986 Ford Bronco II 4x4, V6, 5 Spd, A/C, PW, PL
* 1985 Ford F150 4x4, V8, AT, Black/Silver, 59,000 (M)
1985 Cadillac Eldorado, 72,000 (M)
* 1985 Merkur XR 4Ti CP, 5 Spd, A/C, 52,000 (M)
* 1985 Mercury Grand Marquis, V8, Loaded
1985 Ford Van, 98,000 (M)
1985 Olds 98
1985 Subaru GL Turbo SW 4WD, AT, Loaded, White
1985 Saab 900 Turbo CP, 5 Spd, A/C, PW, PL, Gray
1985 Volvo 740GLE Sdn, AT-A/C-PW-PL Wht., 112,000 (M)
1985 BMW 325 CP, 5 Spd, A/C-PW-PL White, 110,000 (M)
1984 BMW 325e, AT, A/C, PW, 116,000 (M)
1984 BMW 325e, CP, 5 Spd, A/C-PW-PL, Red, 37,000 (M)
1984 Ford Tempo Sdn, AT, A/C, White, 89,000 (M)
* 1983 Dodge B250 Van
* 1981 Buick
1980 White Tractor
1979 Chevy Corvette (No Motor)
1979 GMC C1500 TK, AT, 99,000 (M)
1978 Mercedes 280 CE, CP, AT, A/C, PW, Green

All Vehicles Listed Above With An Asterisk (*) Sold "As Is" To The Highest Bidder Regardless Of Price!! All Others Are Sold With The Right To "Accept Or Reject" The Bid. TERMS: Public Buyers - Cash Deposit Of $500.00 Plus Additional 25% Of Purchase Price In Cash On Day Of Auction. Balance Due Next Business Day - In Cash Only!! No Exceptions! Dealer Checks Accepted. Temp. Tags w/Proof Of Insurance, Title Work/Notary On Premises. Plenty Of Parking And Food. Call: 717-921-2200 For Consignment Information.

*** This Is A Partial Listing Of Vehicles. There Will Be Approx. 60 More Repossessions And Off Lease Vehicles Expected In The Sale ***
NOTE: GMAC Will Offer Approx. 25 Units With The Right To Accept Or Reject Bids Running In The "B Lane" At Approx. 11.30 Information Believed To Be Accurate But Not Guaranteed And Subject To Change Or Redemption.
*** Approx. 175 Dealer And Public Units In Addition Will Also Be Available For Sale Day ***
If You Wish To Sell A Vehicle, Call Now For Info: 717-921-2200.
PLEASE NOTE: Children Under 16 Yrs. Of Age Will Not Be Admitted Under Any Circumstances!!

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AH-000057-L

MONTOUR COUNTY FARM AUCTION

FARM MACHINERY & LIVESTOCK
SATURDAY, DECEMBER 19, 1992
10:00 A.M. SHARP
Located 7 mi. north of Danville and 1 mi. south of Washingtonville off Rt. 54 just 4 mi. north of Interstate 80. Exit 33 off Rt. 54.

MODERN FARM MACHINERY & RELATED ITEMS

Oliver 525 self-propelled combine w/3 row & 2 row adjustable corn heads and 11' grain head; J.D. 4230 dsl tractor; J.D. B tractor; Case Uni-Loader with D100 backhoe attach; Ford 515 3 pt. 7' mower; Ford pull type P.T.O. hay crusher; M.F. 9' haybine; N.H. 256 rake; N.H. 268 thrower baler; N.H. 67 baler for parts; 3 N.H. & Case wooden rack 16' hay wagons; Universal 1200 40' hay and grain elevator; Little Giant 16' elevator; IH 540 manure spreader; Gehl mixall portable grinder mixer; Oliver 5x16" semi-mount plow; 9 tooth 3 pt. chisel plow with depth wheels; Lely 13½' P.T.O. roterra; Bear Cat flail chopper; IH PRI corn picker; J.D. 3 Pt. corn sheller; M.F. 4 row 3 pt. planter; Ford corn planter; Woods single row corn picker; M.F. 35 self-propelled combine; IH 16 chopper with 3 heads; N.H. 6 silage wagon w/hvy duty chassis; 200 Bu. gravity box with 10 ton chassis; Oliver 14' tandem axle disc; Ford 3 pt. post hole digger; J.D. FBB 16 dbl. disc drill; M&W 4 or 6 row cultivator fits JD 4230; 1 ton feed mixer; Woods 5' pull type rotary mower; 2-Myers snowplows (1 hydr. tilt, 1 hydr. lift; 3 pt. subsoiler; Stoltzfus spreader; 2 fuel tanks; new Ritchey livestock fountains; 20' 6" grain auger; truck fertilizer auger; Mueller portable cement mixer with 5 h.p. B&S engine; 1000 Bu grain bin; homemade tandem axle wagon chassis; Lincoln arc welder; J.D. manure spreader; sev. piles scrap farm machinery.

AUTOMOBILES

1984 F150 Ford pickup; 1981 AMC 4x4 Eagle car; 1974 Ford 4x4 pickup, for parts; Dodge D150 1981 pickup, for parts; 1968 GMC ¾ ton truck for parts; Scorpio snowmobile; Honda 3 wheeler; Marshfield 10'x57' mobile home frame or wheels.

DAIRY COWS & HEIFERS

6 Jersey, 3 Guernsey and 1 Holstein mature milking animals in different stages of lactation. 1 Jersey, 1 Guernsey and 1 Holstein Bred Heifers; 1 Jersey and 1 Holstein open heifers; All animals sell with health chart and pregnacy checked.

No Small Items Be On Time. Sale Held Rain Or Shine.
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MIDDLE ATLANTIC MILK MARKETING ASSOCIATION, INC.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT DEC 12 - 11AM, 103 Acre Franklin Co Dairy Farm Located From I-81 Take Greencastle Exit #3 (Rt 16 East) Towards Waynesboro Go 6 Miles And Turn Right Onto Coldspring Rd At End Of Coldspring Rd , Turn Right Onto Marsh Rd., Go 2/10 Mile And Turn Left On Hoover Mill Rd. First Farm On Left. From U S. Rt. 15, Take MD. State Rt. 140 West At Emmittsburg. At The PA Line, MD 140 Becomes Pennsylvania Rt. 16 Continue On Rt 16 Through Waynesboro 1.5 Miles West Of The Square To A Left On Coldspring Rd Follow Same Directions As Above To The Farm, Washington Township, Franklin Co., Pa Auction By, Joseph S. & Brenda S. Cochran Edgar Stull, Auct

SAT. DEC 12 - 11AM 90 acres of woodland, Millcreek Twp , Leb Co By Lester G & Florence Risser Horning Farm Agency

SAT. DEC 12 - 11AM, Real Estate Auction. Located 102 Beaver St , Dillsburg Auction By, Coldwell Banker MGM Realty Auction Co Jim McClellan, Auct

SAT DEC 12 - 11AM, 11 Residential Building Lots Kenneth A Geyer Auction Company, Inc

SAT DEC 12 - 11AM, Absolute Auction Real Estate Located At 1807 Potts Hill Road, Etters, Pa Take Exit 14 Off I-83 Turn West On Rt 392 (Potts Hill Rd), Go 2 Miles To Property On Right Ronald & Dorothy Stewart, P O A Kerry A Pae & Jeffrey L Knosp, Aucts

SAT DEC 12 - 11AM, Daisy Everman Farm Dispersal Of Machinery, Dairy Equip , Silos, Hobbs Hard Hose Located At The Farm On State Route 63, About 3 Miles North Of Dansville, 16 Miles South Of Geneseo Owned By Mrs Daisy Everman Pirrung Aucts

SAT DEC 12 - 11AM, Real Estate, Machinery Located Along Route 147 At The Mertz Turkey Farm Which Is Located 4 Miles North Of The Front Street Station In Northumberland, PA, Or 1/2 Mile South Of Route 405 And route 147 Interchange In Northumberland Co Pa Owners, Mr & Mrs Carl L Dunkelberger Roger A Lauver & Dean E Longacre, Aucts

SAT DEC 12 - 11AM Potato farm equip, trucks, tractors, potato processing equip US Route 250, Beach City, Ohio Approx 18 miles south of Canton, Oh on Interstate 77 to US Rt 250, then follow US Rt 250 northwest through Strasburg, Oh Approx 3½ miles to farm By order of Becker's Falls Farm Kiko Aucts

SAT DEC 12 - 11AM, Real Estate. Of Vernal Johnson Located In Dublin Township, Huntingdon Co , 2 6 Mile East Of Shade Gap, Pa Off Route 641 At Clark's Repair Service, South 3 Miles Penn Central National Bank, Guardian Dale Gibboney, Auct

SAT DEC 12 - 12 Noon 99 Acre Juniata Co farm w/ woodland Located 8 mi south of Mifflintown, 1 mi south of the village of Walnut, along Rt 35, from Hbg take Rt 322 west, approx 45 mi to the Mifflintown Exit Estate of Lillie R Rodgers Long's Auction Service

SAT DEC 12 - 12 30PM New & Used chain saws, air compressors, engines, forklifts, air tools, etc Approx. 5 miles East of Intercourse on Rt 340, turn S on Spring Garden Rd. go approx 1 mile to sale on left. By Spring Garden Plumbing. Lewis Groff, auct.

SAT DEC 12 - 1PM Real esatate, Holland stone brick rancher on large lot 3491 E-town Road, Elizabethtowh, Pa. From Elizabethtown Sq go East approx. 6 miles to property on left. Located 7 miles northwest of Manheim along E-town Road. at corner of E-town and Cold Spring Road, Near Chiques Church, Rapho Township, Lanc Co., Pa. By Elam Z & Ruth Ginder. John D Stauffer, auct

SAT DEC. 12 - 3PM Two parcels of real estate located in southern Juniata Co 25 mi South of Port Royal, 5 mi. south of East Waterford, just off Rt 75 Robert S. Wingate, owner Long's Auction Service

SAT DEC 12 - 5PM, Woodworking Equipment, Cabinets, Tools, Lumber, New Merchandise Located Biggins Auction & Liquidation Co , 320 Oxford Rd , New Oxford, Pa Directions. ¼ Mi N Of Center Circle Off Carlisle St. Personal Property Of G.C. Hoover, Spring Grove, Pa. & Others. Thomas G. Biggins, Auct.

SUN. DEC. 13 - 1PM, Antiques, Collectibles & Furniture. Located At "Little Haps" Action Auction, Rt. 22 Marketplace (Ollie's Complex), Approx. 8 Miles East Of Harrisburg (Exit 26E Off I-81). Tom & John Golden, Aucts

MON. DEC. 14 - 9AM, Trucks, Welders, Shop Tools, Office Equipment. Located York Co., Off Rt. 30 Take Rt. 74 (Carlisle Rd.), To Davidsburg Road, Turn Left, Auction On Left Behind Nellies Restaurant On Left. Watch For Signs. Seller, Crone Services, Inc. Rentzel's Auction Service.

MON. DEC. 14 - 5:30PM, Consignment Auction Located: Cochran Auction Complex, 7704 Mapleville Rd./Md. Route 66, Boonsboro, Md. Cochran, Miller, Harry, Flook, Aucts

TUES. DEC. 15, Christmas Tree Auction Located At RD4, Box 4153-A, Fleetwood, Pa 19533

TUES DEC 15 - 9AM Machine Shop Equipment 1495 Conewago Ave., Manchester, Pa Take Rt 181 North through Manchester 1½ mile, cross bridge, turn left on Conewago Rd , go ½ mile to building on right. Watch for signs Wayne Tool & Machine Co , Inc Rentzel's Auction Service.

TUES. DEC. 15 - 10AM, Major Shoe Manufacturer. Located At Sutton Rd., Webster, Massachusetts. Baldwin Industrial Liquidators.

TUES. DEC. 15 - 10AM & 2PM, 2 Auctions- Goshen Auction. Located At Elkhart County Fairgrounds In Goshen, In. Goshen Is Located Approx. 50 Miles NW Of Fort Wayne, In., Or Approximately 20 Miles SE Of South Bend, In On US 33. On US 33 At The South Edge Of Goshen (At Goshen High School). Take Monroe Street 3/4 Mile East To The Fairgrounds. Enter At Gate 2. Hamilton Auction- Located 1 1/2 Miles West Of The 4-Way Stop In Hamilton, In. Hamilton Is Located Approx. 35 Miles NE Of Fort Wayne, In. On I-69 Or Approx. 7 Miles South Of Angola, In., On I-69 To The Ashley Exit (SR 4). Go 6 Miles East To SR 427 In Hamilton, Then North To The 4-Way Stop, Then West 1 1/2 Miles. Owner, J I Case. Schrader Real Estate & Auction Company, Inc.

TUES DEC. 15 - 11AM Bushy Park Farms Heifer Dispersal at the Frederick Fairgrounds, Frederick, Md. Take S. Street Exit off I-70 and follow signs. Owner Bushy Park Farms Sale Manager Remsburg Sale Service

WED. DEC 16 & THURS. DEC. 17 - Large two day sale of farm equip , etc at Marion, Pa , Marion Auction Service, managers, 5174 Horst Road, Chambersburg, Pa. 17201.

WED. DEC. 16 - 10AM, Building Supplues, Trucks, Forklifts, Fixtures. Located On Premises Oreland Building Supplies, Inc., 1200 Pennsylvania Ave., Oreland, Pa. Comly Aucts.

WED. DEC. 16 - 11AM, M.B Glick Supply Co. Purchased Contents Of W.J Kane Milling Co. & Will Sell At Absolute Auction Located At 4270 Adams Ave., Phila., Pa. From N.J. Take Rt. 1 South Rosevelt Blvd. Turn Left On Adams Ave., From Pa. Take Rosevelt Blvd. North, Turn Right On Adams Ave., Follow To Auction App. 2 Miles After You Get Off Of Rosevelt Blvd. Quaker City Aucts.

WED. DEC. 16 - 11AM Home improvement center, on premises: Millwood Center (Formerly Flemington Builders Mart) Flemington, NJ. 1 Mile N. of Flemington Circle, Rt 202 Southside. Peter Costanzo, aucts.

WED DEC. 16 - 12Noon, Absolute Public Auction Of Rockwood Subdivision, 252 Lots On 44 Wooded Acres. Located Take Rt 743, ½ Mi. S. Of Rt. 283 To Auction Site 20 Min. From Hershey Medical Center, Harrisburg International Airport, Lancaster City & PA Turnpike. Auction For, P. Thomas Zeager. J. Omar Landis Auct. Service.

WED. DEC. 16 - 3PM, Antiques, Household Goods, Collectibles, Guns & Tools. Located At The Horst Auction Center, At The Corner Of Rt. 322 & Durlach Rd. (Approx. 2½ Miles West Of Ephrata), Ephrata, Lancaster County, Pa. Sale For, Grace Hamilton. Horst Aucts.

PUBLIC AUCTION

MONDAY, DECEMBER 14, 1992

9:00 A.M.

TRUCKS - WELDERS - SHOP TOOLS - OFFICE EQUIPMENT

CRONE SERVICE, INC.

LOCATED: York Co., Off Rt. 30 take Rt. 74 (Carlisle Rd.) to Davidsburg Road, turn left, auction on left behind Nellies Restaurant on left. Watch for Signs.

1½ hp. Vertical Air Compressor, Bench Grinder, Shelving, Floor Model Drill Press, Rockwell Belt Sander, Miller High Frequency Welder, Airco Pac 200 Mig Welder w/ Aluminum Gun, 2 Band Saws, Gantry Crane, Chain Hoist, Block & Tackle, Vises, Stihl Demolition Saw, Floor Jacks, Miller 200 amp. & 225 amp. Portable Generator Welders with Onan Engines, Miller Roughneck Portable Welder, 2 Airco Acetylene Torches, Lindee Torch Set, Acetylene Hoses, Bosh Hammer Drills, Bosh Rotary Drill, Makita Chop Saw, Muller B100 Drilling & Tapping Machine - LN, Ryobi Jib Saw, Black and Decker 7¼ " Saw, Cordless Drill, Skill Router, Motorola Car Phone, Fiberglass, Wood, & Aluminum Ladders of Various Lengths, Large Assortment of Hand Tools - (Wrenches, Sockets, Rachets, Hammers, Pliers, Etc.), Roller Conveyor, Electric Cords, Misc. Concrete Tools, Wheelbarrow, Tow Chains, Bolt Bin & Bolts, Tool Boxes, Welding Wire, Work Benches, Work Carts, Portable Heaters, Come-A-Long, Wagner Power Painter.

OFFICE

2 Desks, 2 Drawer and 4 Drawer File Cabinets, Monroe RL70 Copier, Misc. Office Equipment and Chairs.

12:00 NOON *TRUCKS* 12:00 NOON

1988 Chev. S10 Pick-up, V6, 4 Speed; 1981 Chev. 3/4 Ton w/Reading Body & Ladder Rack, 6 cyl.; 1978 Chev. 1/2 Ton V8, Automatic; Tool Boxes for Pick-up & Ladder Racks; Misc. Steel, Welding Wire, Cabinets, Saw Bucks, Building Material, 3/8" & 1/2" Drills, Hammer Drills, Electric Impact Wrenches, Dry Wall Guns, Air Grinder, Drill Bits, Concrete Drills and many more items.

TERMS: CASH OR GOOD CHECK

SELLER:

CRONE SERVICES, INC.

AUCTION CONDUCTED BY:

Rentzel's Auction Service
Blaine & Nevin Rentzel
Emigsville, PA
764-6412
PA Lic. #761 & #2483

"HORST AUCTION CENTER"

PUBLIC SALE

ANTIQUES, HOUSEHOLD GOODS, COLLECTIBLES, GUNS & TOOLS

WED., DECEMBER 16, 1992

AT 3 P.M.

Sale to be held at the Horst Auction Center, located at the corner of Rt. 322 & Durlach Rd. (approx. 2½ miles west of Ephrata), Ephrata, Lancaster County, PA.

FURNITURE

Marble Washstand; Blanket Chest; Oak Dropfront Desk; Henredon Dining Room Suite; French Provincial Living Room Suite; Coffee & End Tables; Credenza; Love Seat; Pine Bedroom Suite; Curio Cabinet; Marble Top Table; 4 Drawer Stand; Breakfast Set; Chest of Drawers; Pine Corner Cupboard; Washstand; Family Room Furniture; Duncan Phyfe Table; **OAK WALL TELEPHONE;** Highchair; Patio Furniture; Card Table.

APPLIANCES: Refrigerator; Freezer; Color TV; Lamps; Prints.

CHINA & GLASSWARE

Ironstone Pitchers; Set of Royal Worcester China; Copper Lustre; Limoges Tea Set; Miniature Tea Sets; Hummel Plates (1971, 1978, 1979); Hummel Figurines; Set of Castleton China; Shakers; Crystal; Cut Glass; Pressed & Pattern Glass; Kerosene Lamps; Brass Candlesticks; Silver Tea Set; Silver Plated.

LINENS: Hooked Rug; Photo Album; Mink Stole; Jewelry; Baskets; Children's Books; Cookie Cutters.

GUNS: 30-30 Savage Mod. 340; .22 Anschutz Rifle; .410 Remington; .233 Remington; .410 Springfield; .22 Pistol; .22 Remington; Austrian Army Rifle.

TOOLS: Wood Lathe; 6" Jointer; 10" Radial Arm Saw; Drill Press; Belt & Disc Sander; Table Jig Saw; Band Saw; Router; Wooden Planes; Foot Rules; Hand Tools; Leaf Blower; Animal Traps; Sleds; Child's Car (w/Gas Engine); Copper Washboiler; Fishing Rods & Equipment.

No out of state checks unless accompanied by a current bank letter or prior arrangement with auction service.

Sale For

GRACE HAMILTON

HORST AUCTS. AU438L

T. Glenn
Timothy G.
Thomas A.

(717) 859-1331 - (717) 738-3080
Fax # (717) 738-2132

"VOICES OF EXPERIENCE"

HOULE

COMPLETE LIQUIDATION

OF LIQUID MANURE EQUIPMENT BUSINESS AND ASSOCIATED PRODUCTS

DECEMBER 19, 1992 Thru DECEMBER 31, 1992

Consisting of but not limited to:

Houle 3150 liquid manure spreader with aircraft tires new. Houle maxi pump on trailer. $50,000 of New Houle parts. New and used injectors systems, barn cleaner chain, barn cleaner chute, down cow lifter, electric motors, irrigation pump PTO, bedding choppers, silage carts, 50 super bowl insulated energy free waterers, 50 manure spreader rims for 16.5x16.1 and 21.5x16.1 tires, hay chopper for TMR, free stalls, headlocks.

This inventory must be sold by Dec. 31, 1992.
All offers will be considered.
Buy it all or just one piece.

Cash and carry sales only.

US AGRI-SYSTEMS, INC.
Oxford, PA 19363
1-410-392-6202
Douglas R. Johnson

AUCTION

MANSFIELD AGWAY
381 S. Main St.
Mansfield, PA 16933

SATURDAY, DEC. 19
At 10 A.M.

COMPLETE LIQUIDATION

SELLING: Hyster H505H 5000 lb. forklift w/pneumatic tires, hyd. pallet jack, 21 cu. ft. chest freezer, refrigerator, quantity of new farm tools, merchandise, quantity of shelving, racks, etc., 5 hand carts, Fletcher glass cutting machine, bench grinder, 13-ton hyd. wood splitter, shop vac, rope merchandiser & elec. cutter, turbotronic vacuum sweeper w/power head, 3 section steel decking, screen merchandiser, Howe Richardson platform scale, broadcast spreader, wood storage shed, lawn roller, table top scale, 3 hanging scales, Cole key merchandiser, oak table, Sharp cash register, steel desk, file cabinets, 2-line phone, DTS Series 400 register, chain merchandiser w/cutter, TV set, cassette player & much more.

Auction held inside. Food. Charge cards accepted: Visa, Master Charge, American Express, Discover.

JOHN KAISER
Owner
717-662-2145
Managed & Sold By:
Dick Crittenden Auction Co.
Mansfield, PA
717-662-3131 FAX 717-662-2215
Lic. #RY-000026-L

SHORT NOTICE!!!

AUTO MECHANICS AUCTION

SATURDAY, DECEMBEER 19TH

9:00 A.M. SHARP!!

The undersigned due to discontinuing business will sell the following personal property at Auction. Sale to be held indoors on site at the intersection of North and Eichelberger Streets in the Boro of Hanover, Pa.

OFFICE AND AUTO EQUIPMENT - TOOLS - PARTS

3 H.P. 3 Phase Air Compressor, Gas Buggy, 20 Ton Press, 225V ARC Welder, Brake & Roto Lathe, Bishman 2100 Tire Changer, Bubble Balancer, Engine Hoist, Headlight Tester, 2 Ton Floor Jacks, Power Washer, Motor Stand, Parts Washing System, Lg. Assortment of Dupont Car Paint to be sold. Several Work Benches, Old Car Manuals, Interior/Exterior Car Cleaner, 80 Car Tires 13-15", 80 Assorted Rims, Factory Pontiac Mags, Fender Skirts, Hub Caps for Subaru, Chevy, GM, Cadillac, Buick, Over 250 Many New Sets, 50 Used Car Radios, Office Desks and Chairs, Time Clock, Water Cooler, Metal Storage Cabinets and File Cabinets, Floor Safe, Ford Fiesta 2 Door, 1985 Buick 4 Door - Auto. This is a very large sale with items too numerous to mention.

TERMS: Cash or Good Check

EARL & BILL MOTOR COMPANY, INC.

AUCTIONEER: Randy L. Hilker
PA-AU-002095-L

Lunch Stand at Auction

PUBLIC AUCTION

RESIDENTIAL DEVELOPMENT LAND - 129 ACRES & GENTLEMANS FARM WITH 16 ACRES & 1800's STONE HOUSE

FRIDAY, JANUARY 1, 1993

12:00 NOON

LOCATED: 3/4 Mile North Of Manchester, PA On Rt. 181, Turn Right Onto Meeting House Road, Go To Stop Sign, Turn Left Onto Board Road To 1st Road On Right - Chestnut Street, Land On Left. Watch For Signs.

PARCEL #1: 129 Acres zoned Residential with road frontage on 3 roads, 1138' on Chestnut Street with public sewage, approx. 3350' on Board Road w/public water, gas, and 1500' of sewage line, 900' road frontage on Wago Road. Land has very good potential for development, only 1/4 mile from Mt. Wolf Boro, 1/2 mile from Manchester Boro, East Manchester Township, and 1/2 mile from school.

PARCEL #2: Gentleman's farm with 1800's stone house and stone summer house, 3 car stone garage, 50x90 frame barn, & 40x60 implement building. Building set privately with 800' private macadam driveway, 348' road frontage on Chestnut Street, natural spring, house has country kitchen, living room, dining room, family room, screened-in porch and sun porch, 4 bedrooms and bath. Oil hot water heater. East Manchester Township, York Co., Pa.

AUCTIONEER'S NOTE: The land of 129 acres is one of the finest development properties we have had the opportunity to offer at Public Auction. The Gentleman's farm is also a great opportunity with private setting. Don't pass up this opportunity to purchase either property.

TERMS: 10% DOWN DAY OF AUCTION, BALANCE ON OR BEFORE FEBRUARY 15, 1993.

"OPEN HOUSE"
SUNDAY, DECEMBER 13 & 27 -
1:00 P.M. TO 3:00 P.M.
OR
SHOWN BY APPOINTMENT -
PHONE 717-764-6412 -
8:00 A.M. TO 4:00 P.M.

AUCTIONEER & AGENT FOR SELLER:
Rentzel's Auction Service
Blaine & Nevin Rentzel
Emigsville, PA
717-764-6412
PA Lic. #761 & #2483

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. DEC. 18 - 10:30AM, George O. Jensen Complete Farm Dispersal, Cattle, Machinery, Produce, Irrigation. Located At The Farm, 1748 Preemption Road, 1/2 Mile North Off State Route 54 Just East Of Penn Yan, Or 18 Miles South Off Routes 5 & 20 At Ponderosa Rest At Geneva. Owned by Mr. George O Jensen. Pirrung Aucts Inc

FRI DEC 18 - 10.30AM, Complete Farm Dispersal For George O Jensen Cattle-Machinery & Produce Located Penn Yan, New York. Pirrung Auctioneers, Inc., Wayland, New York.

FRI. DEC 18 - 11AM, Mapoval Farms, Inc. Reg. Holstein Dispersal. Located On Route 220, 8 Mi South Of NYS Rt 17 (Use Exit 60); 1 Mi. North Of Milan, 4 Mi. South Of Athens Owner, John Macafee. Wm. Kent, Inc., Auct.

FRI DEC. 18 - 11AM, Johnson Plastic Bag Manufacturing Located 1039 North Plum Street, Lancaster, Pa From Rt. 222 Lititz Pike Turn On Marshall Avenue At Lancaster Stockyards Go To Elizabeth Avenue Turn Right To Plum Street Turn Left To Auction In Industrial Complex Follow Signs Day Of Auction Auction By, Mellon Bank, N A. Kerry Pae Aucts

FRI DEC 18 - 11AM, Christmas Dairy Classic Located At The Ben K Stoltzfus Farm, Just East Of Intercourse, Pa In Rt 340. Stonehurst Farm & Cattle Exchange.

FRI. DEC. 18 - 1.30 PM State graded pig sale At Westminster Livestock Auction, Westminster, Md

SAT. DEC. 19 - 9AM, Antiques, Reproduction Furnishings, Household Goods, Tools. Located At The Horst Auction Center On The Corner Of Rt 322 & Durlach Rd. (Approx 2½ Miles West Of Ephrata), Ephrata, Lancaster Co, Pa Sale For, Robert Egan Estate. Horst Aucts.

SAT. DEC 19 - 9AM, Cars, Farmall Tractor, Buggy, Furniture, Household Goods Located At 400 Willow St, Kutztown, Berks Co, Pa Follow Rt 222 Onto Main St. In Kutztown At Basin Street Hotel Turn South Onto Willow, Proceed To Auction. Ordered By, George & Marilyn Baldwin Ralph W Zettlemoyer Auction Co, Inc

SAT DEC 19 - 9 15AM Dune buggy, Dodge pickup, lawn tractors, tractors, hess trucks From the former home of Bill & Pat Ergott, RD #1 Jersey Shore, Pa Owners Bill & Pat Ergott Scott Younkin & Assoc, aucts

SAT DEC 19 - 10AM, Absolute Farm Real Estate Auction, Tractors, Machinery, Small Buildings, Hay & Straw Located Route 97 - 4 Miles South Of Gettysburg, Pa Or 4 Miles North Of Littlestown, Pa - At Two Taverns, Turn Onto The Two Taverns-Bonneauville Road And Go 6/10 Mile To Sale Site - Sale Signs Posted Owner, Jacob Stoltzfus C. David Redding, Auct

SAT DEC. 19 - 10AM, Business Liquidation Of Barry's Garage. Located 327 Cemetary Ave, Carlisle, Pa. From I-81 Take Ex 14 Onto Rt 34 North. At 2nd Traffic Light Turn East On Willow St Go To Stop Sign Turn Left On S Bedford St To Auction On Left At Cemetary Estate Of Barry Myers Kerry Pae Aucts

SAT DEC 19 - 10AM, Heavy Equipment Sale Located Irish Valley, Between Shamokin And Paxinos Pa, Off Rt. 61 Watch For Auction Arrows On Rt 61 Follow To Fig Road. Seller, Carl Persing Joe Kinn, Auct

SAT DEC 19 - 10AM Complete liquidation, Mansfield Agway, 381 S Main St, Mansfield, PA John Kaiser, owner Dick Crittenden Auction Co

SAT DEC 19 - 11AM Herd dispersal at the William H Simpson Farm located at village of ambrose, 15 miles from Indiana take Rt 119N to 85W or from Kittanning take Rt 66N to Rt 85E William H & Beulah Simpson, owners William Wolfgang, auct

SAT DEC 19 - 12Noon Real estate At 102 Small Valley Road, Wayne Township, Halifax, Pa Rt 225 at Dauphin to Community Banks, Halifax Turn east onto Carsonville Road, proceed approx five miles to Enterline Then two miles north to Small Valley Road, watch for sale signs Estate of Thomas E Jackson David Deibler, auct

SAT DEC 19 - 2PM, 1 Acre Lot w/2 Story Brick & Frame Dwelling w/Vinyl Siding, 30x50 Concrete Block Barn Located At 235 Queen Road, 1 Mile East Of Intercourse, Leacock Twp, Lancaster County, Pa Terms By, Samuel D & Ruth D King Robert E & Jeffrey R Martin, Aucts, 656-7770 Terms Samuel D & Ruth D King Attny Kenneth R Covelens

SUN DEC 20 - 12Noon, Antiques, Furniture, Truck, Boat, Guns, Snowmobiles, Household Items Located At 130 South Seventeenth St, Camp Hill, Pa From Market St Turn South On 17th St To Auction Site On Right Property Of Samuel Woods Kerry Pae Aucts

TUES DEC 22 11AM, Kling's Christmas Dairy Sale Located At Kling s Sale Barn, Located 15 Miles North Of Carlisle, On Route 74, 2 Miles From Landisburg Owners, Wayne & Diane Hall Sale Managed By, Kling's Auctions, Inc

THURS DEC 24 - 11AM, State Graded Feeder Pig Sale - Sale Receiving 6AM until 9AM (Due to Christmas) at Carlisle Livestock Market, Inc, Exit 12 East off I-81, Carlisle, PA

SAT. DEC 26 - 10AM, Farm Equipment, Skid Loader, Spring Wagon Located South Of Kutztown & Rt 222, One Mile East Of Topton, Turn N Onto Forrest Drive, To Farm, Berks County, Pa Ordered By, Irvin & Arlene Shirk. Conducted By Ralph W. Zettlemoyer Auction Co, Inc

SAT. DEC 26 - 10AM Older farm toys, Winross trucks, Ertl trucks, banks, Tonka & Buddy-L & lots more Harry's Auction Randy Stoltzfus, Richard Harry, aucts

SAT. DEC. 26 - 1 30PM Jersey Shore Livestock Auction, Rt 44, 2 Miles South Jersey Shore, Pa

TUES DEC 29 - 11AM Modern farm equipment, grain bin, trucks, skid loader, buggies & sleighs 10 miles N of Allentown, Pa In the village of Neffs, from the Church take Laurey's Station Rd. for 1 mile to Old Post Road (rt 329), turn left toward Slatington for 7 mile, turn R onto Rockdale Rd., continue L onto Red Hill Rd, leads into River View Rd, a total of 2 7 miles, L on Ranch Rd to farm, Lehigh Co, Pa. For Ronald & Norma Royer Ralph W Zettlemoyer, auct

JANUARY

FRI JAN 1 - 9AM Dutch cupboard, oak furniture, fiestaware, books, guns, antiques, household goods auction held indoors at the Leesport Farmers' Market banquet hall located off of Rt 61 approx 10 miles N of Reading or 6 miles S. of Hamburg in the village of Leesport, Berks Co, Pa Dennis Wagner, auct

FRI. JAN. 1 - 9AM Annual public sale, 7 miles S. of Martinsburg, WV or 14 miles N of Winchester, Va off Interstate 81, take Exit #5 (Inwood) Route 51 E approx. 3½ miles East of Inwood, WV turn right at Shutts Cash Grocery 2 mile to sale. Edgar A Bohrer, Sr Sale Manager. Edgar A. Bohrer, Jr app auct

FRI. JAN. 1 - 12Noon, Residential Development Land - 129 Acres & Gentlemans Farm w/16 Acres & 1800's Stone House Located 3/4 Mile North Of Manchester, Pa On Rt 181, Turn Right Onto Meeting House Road, Go To Stop Sign, Turn Left Onto Board Road To 1st Road On Right - Chestnut Street, Land On Left Watch For Signs Rentzel's Auction Service

SAT JAN 2 - 9AM, Household Goods, Antiques And Tools. Located Along Goods Road, West Earl Township Terms By, Katie S. Zimmerman Estate. Paul W. And Leroy S. Horst, Aucts.

SAT. JAN. 2 - 1:30PM Jersey Shore Livestock Auction. Rt. 44, 2 Miles South, Jersey Shore, Pa

PUBLIC AUCTION

FARM EQUIPMENT;
SKID LOADER;
SPRING WAGON

SATURDAY, DEC. 26, 1992

AT 10:00 A.M.

South of Kutztown & Rt. 222, one mile east of Topton, turn N onto Forrest Drive, to farm, Berks County, Pa.

TRACTORS- Ford 5000 diesel and frt. loader, engine rebuilt; Ford 2000 Dexta diesel, engine rebuilt.

SKID LOADER- Int. 4130.

TILLAGE- Int. 510 semi mtd. 4-16" pl; JD 3 pt. 3-16" pl; JD AW-10' transport disc; Int. 10' transport disc; JD KBA-8' disc; JD 10' transport roller harrow; JD cultipacker; Dearborn 5' offset disc.

PLANTING- JD 494-A four r c planter w/ herb attach; JD 8-17 disc grain drill; 110 gal trl weed sprayer; Int. 3 pt 4 r rotary hoe.

HAYING- NH 469 Haybine; NH 269 baler w/thrower; NI five bar rake; Fella 3 pt. rotary rake & tedder comb; (2) woodside bale wagons; King Wyse 40' bale elev.

FORAGE- NH 718 forage harvester w/ two r adj low profile head; NH 717 forage harvester w/two r c head; NH pick up head fits above machines; Int. 550 forage harvester w/two r c head; MF three beater forage wagon w/roof; NH #7 three beater forage wagon; NH 27 forage blower; Int. #8 flail chopper.

MISC.- NH 352 grinder mixer; NH 513 hyd end gate, single beater spreader; (2) 125 bu gravity grain wagons; Int. 3 pt. 4 r tool bar culti.; 3 pt. two r culti.; (2) Ford 3 pt. 5' flail cutters; Woods 3 pt. 8' blade; 16' tandem axle trl. w/Beaver tail, 10,000 lb. GVW; 14' flat wagon; 12' two wheel farm trl; 1100 gal. poly fert. tank; 6 unit open frt. calf shelter; Hypro PTO irrigation pump, plus 420'-3" alum. pipe & 7 sprinklers; 40' wdn. ext. ladder; 165 & 200 gal. fuel tanks w/pumps; one horse open body spring wagon; several hyd. cyl; rd scalding trough; butcher bench & c i kettle; welding bench & vise; platform scale; 3 bu Doeblers alfalfa seed; 8'x8' overhead garage dr; 10' sec of auto cattle head locks; few shop stoves; Jacobson 80 riding mower; Sears high wheel push mower; power & hand tools; plus numerous other items.

HOUSEHOLD- Spd. Queen wringer washer; gal. twin tubs; GE upright freezer; Early American sofa & loveseat; metal wardrobes.

Terms: Cash or Acceptable Check

Ordered By:

IRVIN & ARLENE SHIRK

Refreshments Available

P.O. Box 215 • Fogelsville PA 18051 • 215 395-8084 • License #AU001809 L
RALPH W. ZETTLEMOYER AUCTION INC

ABSOLUTE AUCTION

JOHNSON PLASTIC BAG MANUFACTURING

FRIDAY DECEMBER 18, 1992

AT 11:00 A.M.

1039 NORTH PLUM STREET, LANCASTER, PA

From Rt. 222 Lititz Pike Turn On Marshall Avenue At Lancaster Stockyards. Go To Elizabeth Avenue Turn Right To Plum Street Turn Left To Auction In Industrial Complex. Follow Signs Day Of Auction.

MACHINERY EQUIPMENT TOOLS

Hartig 2.5" Extruder, (2) National Rub ER Mach. Co. 1" Extruders, (2) WH 1" Extruders, Schjeldahl Bag Sealer Machine, Weist Bag Sealer Machine, Roan Bag Sealer Machine, Steel Framework (Mezzanine/Catwalk) For Machinery Support, 6 Roller Stands, 5 Nip Rollers, 5 HP Air Compressor, Speedaire 3 HP Air Compressor, Bench Grinder, Box Stapler, Craftsman Drill Press, Bench Vise, Craftsman Shop Vac, Craftsman Tool Chest On Wheels, Lincoln 225 AMP Welder, 100 Lb. Scale, 150 Lb. Electronic Scale, Hand Tools, Hand Truck, Numerous Work Benches, Ladders, Ext. Ladder, Nuts, Bolts, Etc.

FORKLIFT VAN

T.C.M. 3,000 Lb. Propane Forklift, 1982 Dodge 250 Van.

SILO

Chore Time 65,000 Lb. Capacity Corrugated Steel Storage Bin w/Auger system.

COMPUTER OFFICE FURNITURE SHELVIHNG MISC.

Canon PC 25 Copier, Hyundai Computer System, Panasonic Printer, Panasonic Fax Machine, Label Printer, 12 Sections Pallet Racking, Office Desks, Chairs, Air Conditioners, Tables, Shelving, Barrels, Fireproof 4 Drawer File, Floor Fans, 2 Refrigerators, Cardboard, Plastic Bags, Pallets, Shipping Boxes, Microwave Oven, Plus Hundreds Of Items More!!

Inspection - Day of Auction Only 8 A.M. Removal - until 5 P.M. day of auction. Mon. Dec. 21 9 A.M. - 3 P.M. Tues. Dec. 22 9 A.M. - 3 P.M.

Auction By
Mellon Bank, N.A.
Secured Party

Kerry A. Pae, CAI, AU 1367
Jeffrey L. Knosp, CAI, AU 1701L

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

MON. JAN. 3 - 6:30PM, Wholesale Furniture. Located At A&C Diffenbach Auction, Inc., 100 West Jackson St., New Holland, Pa. 17557. Alan Diffenbach, Auct.

TUES. JAN. 5 - 9:30AM Hess Rd. in Leola, Horse Drawn farm machinery, draft horses, milking equip. and feed. Amos K. & Elizabeth Glick. Steve & Steve Jr. Petersheim, auct 215-593-2828.

WED. JAN. 6 - 6:30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc Nascar Items, And Misc Toys Located At A & C Diffenbach Auction Inc, 100 W Jackson St., New Holland, Pa 17557. Alan Diffenbach, Auct

FRI JAN. 8 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc., New Holland, Pa

SAT JAN 9 - 9AM Livestock and Farm equipment, located 2 miles southeast of route 472 from Kirkwood at 68 Morrison Mill Road, Lanc Co Pa John S Stoltzfus Diffenbachs aucts

SAT JAN 9 - 11AM, Public Auction Of Valuable Real Estate. Located At 229 W Main Street, Leola, Upper Leacock Twp, Lancaster County, Pa A lot 26x95 Terms By Alice E Martin Robert & Jeffrey Martin Aucts., Cynthia Balkeslee Attorney

MON JAN 11 - Leroy S and Anna Z Musser Located 2225 Bald Eagle Rd., Drumore, Pa. Farm equipment and tools. Paul E. Martin, Auction Service.

MON. JAN. 11 - 9AM, Truck, Farm Equipment, Tools Located From Lancaster, Route 272 South Through The Buck, ¾ Mile Past Valley View Restaurant Turn Right Onto Springt Valley Road Go To Second Stop Sign, Turn Left Onto Slate Hill Road, Go 3 Miles To Town Of Fairfield, Turn Right Onto Benton Hollow Road At First Y Keep Right, At Next Y Keep Left On Bald Eagle Road To First Farm On Left Lancaster County, Pa Auction By, Leroy S & Anna Z Musser Paul E Martin Auction Service

FRI JAN 15 - 9AM, Farm Equipment & Supplies Located At A&C Diffenbach Auction Inc, 100 West Jackson St, New Holland, Pa 17557 Alan Diffenbach, Auct

FRI. JAN 15 - 5PM & SAT JAN 16 - 9AM Antiques, new prints, giftware, furniture, restaurant equip. at Newberry Farms Art Gallery & Restaurant - Take Newberrytown Exit off I-83 go short distance to Stevens Road to auction look for arrows Gilbert & Gilbert, aucts.

SAT JAN 16 - 9AM Antiques, household goods. Loc Take Rt 472 So. of Quarryville, Pa. 4½ Mile, on the right Or from Oxford take Rt. 472 North 8½ mile. Terms by: Elma Pearle Bard, estate. Kreider, Kline & Good Aucts.

SAT. JAN. 16 - 11:30AM, Public Auction Of Mules, Horses And Ponies. Approx. 60 Head Located Between New Holland And Leola. Turn Off Route 23 On South Groffdale Road, 1 Mile To Sale, On The Roy Stoltzfus Jr Farm, Lanc. Co, Pa Terms By Stephen G Lantz Robert & Jeffrey Martin Aucts

TUES JAN 19 - 1PM, Valuable Real Estate Consisting Of 68 Acre Farm With Adjoining 41 Acre Tract Of Land Located At 402 Fieldcrest Drive, RD#1, Willow Street, West Lampeter Twp., Lanc. Co., Pa. Dir.. From Lanc. Take Rt. 222 South Approx. 5 Miles, Turn Right On Fieldcrest Drive. Second Farm On Left. Sale For, Parke & Mary Breckbill. Tract #2 (Same Time & Location). Sale For, P. William & Susan Breckbill Miller & Siegrist, Aucts.

FRI. & SAT. JAN. 22 & 23 - 9AM 137 Acre farm, antiques, household goods. Loc: From Lancaster, Pa. take Rt 22 So app. 12½ mile. Or from Quarryville, ½ mile North on Rt. 222 Terms by: Frances K. Shenk, Estate. Kreider, Kline & Good Aucts.

FRI JAN. 22 - 9AM Farm Machinery, mules & 40 head heifers Quarry Rd., Paradise. Owners John S & Susie Fisher. Auct: Steve & Steve Jr. Petersheim. 215-593-2828.

FRI . JAN. 22 & SAT. JAN. 23 - 9AM. Both Days, Real Estate 1 PM- Jan. 23. 2 Day Public Auction Of Valuable 137 Acre M/L Farm, Antiques, Household Goods. Located From Lancaster, Pa. Take Rt. 222 So. App. 12½ Miles To Property On Right. Or From Quarryville, ½ Mile North Along Rt. 222. Terms By, Frances K. Shenk, Estate Kreider, Kline & Good Aucts.

FRI. JAN. 22 - 10AM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT. JAN. 23 - 9:30AM, Public Auction Of Mules, Farm Machinery, Hay, Corn And Some Household Goods. Located Along No Hollander Rd., 1½ Miles So. Of New Holland, 3½ Miles So Of Rt. 23. Sale For Melvin K. Lapp. Paul & Michael Snyder, Aucts.

TUES. JAN. 26 - 9AM, Quilt, Craft & Buggies. Located At A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557. Alan Diffenbach, Auct.

TUES. JAN. 26 - 9AM Full line of farm machinery, 4 lead mules, 30 head of heifers from Ebersole herd - 1 mile N. of Bird in Hand, John & Sadie Ebersol. Steve & Steve Jr. Petersheim 215-593-2828.

WED. JAN. 27 - 9AM, Quilt & Craft. Located At A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557. Alan Difffenbach, Auct.

THUR. JAN. 28 - 9AM Farm machinery, mules, bred gilts, sows, 3 mile N. of White Horse. Ike & Fanny Beiler. Steve & Steve Jr. Petersheim 215-593-2828.

SAT. JAN. 30 - 9AM, Antiques, House Goods. From Lancaster Take Rt. 272 So. App. 15 Mi. To Property On Left. Or From Maryland Line Go North On Rt. 272 App. 10 Miles. Terms By, Fred J. & Grace Kreider. Kreider, Kline & Good, Aucts.

SAT. JAN. 30 - 12Noon. 46 Acre York Co. Farm Located along Bon Air Rd off Rt. 851, Glen Rock, PA iin Codorus Township, York Co., Pa. Mr. and Mrs. Philip Andre, Sellers. C. Martin Heaps, aucts.

PUBLIC AUCTION SALE #2317

HOME IMPROVEMENT CENTER
WED., DEC. 16, 1992
@ 11 AM

On Premises: Millwood Center (Formerly Flemington Builders Mart).
Flemington, N.J.
Directions: 1 Mile North Of Flemington Circle, Rte. 202 Southside.

OAK FLOORING, MARBLE, GRANITE, CERAMIC & VINYL TILE, KITCHEN CABINETS, PLUMBING, DOORS

MARBLE & GRANITE: 15,000 SF Marble & Granite Tile-12"x12" To 16"x16".

OAK FLOORING: 30,000 SF Plank & Parquet Oakwood Flooring, Includes 1-½ ", 2-¼ ", 3-¼ " To 6" Oak & Ash Planking, Some Prefinished, 3,000 of Teak Flooring.

CERAMIC & VINYL TILE: 25,000 SF Floor & Wall - 4¼ " To 10"x10" Ceramic, Asst. Colors, 12"x12"x⅛ " Vinyl, Including Qty. Armstrong Solarian.

KITCHEN CABINETS & VANITIES: 400 Kitchen Cabinets, 100 Vanities & Tops - Oak, Cherry & White.

DOORS & SKYLIGHTS: 450 Skylights - Venting & Non-Venting & Soild Oak Entry Doors, 110 - 6 Panel Pine, Poplar & SC Doors, 60 Wood Screen Doors, 300 Locksets - Entry, Solid Brass, Procelin.

LUMBER, PLYWOOD, SIDING: 2,000 Pcs. Plywood - ¼ " - ¾ " Including Birch, Mahogany, Quantity Treated Lumber, 11,000 BF 4x8 Urethane, 1,000 Rolls Modified Rubber Roofing & Base Sheet, 400 pcs. exterior ½ " plywood, 1,000 pcs. 2"x4"x8' to 12' lumber.

WP MOULDINGS: 200,000 LF Mouldings, Clear Casing, Stop, Base Jambs, Oak, Chair Rail, Cove.

PLUMBING: 600 S/S Sinks, Medicine Cabinets, Faucets, China Kitchen & Bath Sinks, 4 Whirlpool Tubs & Tub Shower Units, 48 - 1 Piece Toilets & Matching Pedestal Sinks.

RUGS: 22 High Quality Oriental Rugs. Lawn/Garden Decor - $125,000 Value

High Quality Estate Reproductions - 1,500 Pcs. - Antiqued Lead, Bronze, White - Birdbaths, Pools, Statues, Fountains, Pedestals, Animals, Plaques, Pumps, Urns, Planters - Values To $800 Each.

OTHER ITEMS: Range Hoods, Fans, 1,000 Lbs. Asst Nails & Drywall Screws, 120 AM-FM Clock Radios, 96 Hand Held Sewing Machines, 48 Hair Dryers, 240 Stuffed Animals.

TERMS: $100 Refundable Deposit To Register. 10% Buyer's Premium. Cash or Certified Checks Only. 25% Dep. Required Day Of Sale.

INSPECTION: Tues. Dec. 15th, 9 AM - 4 PM, 10 AM Day Of Sale.

SALE: Rain Or Shine, Food Service Available. No Children Allowed.

Peter Cowperthwait Auctioneers Inc.
Ocean Township (908) 531-6799

SECURED CREDITORS
LANDSCAPE, CONSTRUCTION EQUIPMENT, DUMP TRUCK & TRUCK TRACTOR AUCTION
FLEMINGTON, NEW JERSEY
(NEXT TO FLEMINGTON FAIRGROUNDS)
SATURDAY DECEMBER 19, 10:00 A.M.

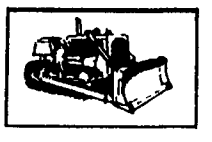
Location: Use Rt. 78 To Clinton, Proceed On Rt. 31 South, 8 Miles To The Flemington Fairgrounds. (Approx. 35 Minutes From Newark).
Sale Site Phone: (908) 788-6717

Hilites Include: **15 Crawler Tractors:** Cat D8K, Case 1450, Case 850D, Case 850B, 1990 Case 450C, (2) Case 450C, Case 450B, Case 450, CAT D3B, (3) CAT D3, JD 350B, **10 Crawler Loaders:** CAT 977K, CAT 977K, CAT 977K, CAT 977K, CAT 933, JD 755, JD 555, JD 450C, IHC 100C, **Rubber Tired Loaders:** 1989 Case 621, Kawasaki 65Z, Michigan 175, **Hydraulic Excavators:** CAT 229, (2) CAT 225, Komatsu PC400 LC3, 1984 Komatsu PC220 LC, 1985 Komatsu PC150 LC-3, IHC 640, **44 Tractor Loader Backhoes:** Case 780B, 1989 Case 680L, Case 680K, Case 680, 1989 Case 580K, (3) 1988 Case 580K 4x4, (2) 1988 Case 580K, (3) 1987 Case 580K 4x4, (2) 1987 Case 580K, (3) 1986 Case 580 SE, (3) 1985 Case 580 SE, (2) Case 580C, Case 580D, (2) Dynahoe 160, 1988 JCB 1400 4x4, (3) 1986 JCB 1400B, JD 510, JD 410C, JD 310A, Ford 755A, Ford 555, **Motor Graders, Terex 33-10 End Dump,** Vibratory Rollers: Case 1102, Case 752, Case 602, **Vermeer M-30 Trencher, Fork Lifts:** 1984 Lull 844 Rt 4 Wheel Drive, Taylor Y12WS, Yale 3000#, White 4000#, **Pettibone M30 Rt Crane, Skid Steers:** 1988 Bobcat 843, (2) 743 Bobcat, Case 1845, 1988 Gehl 4615, 1988 Toyota SDK8. **Utility Tractors:** JD 750, Farmall Cub, Ford 4400, **1986 Finn I250 Hydroseeder, 1990 U.P.P. Soil Shedder, Air Compressors, Generators, Pumps:** Gardner Denver 800 CFM, Sullair 185, Sullair 150, Multiquip 250 Welder/Gen Set, Multiquip 10KW, New Homelite 4", (4) 10HP Diapharm Pumps, **Light Boards:** (2) Amida Lite Boards, (2) Bemis Lite Boards, **Gardner Denver Track Drill, Bear Cat Wood Chipper,** Sport Car: **1985 Chevy Corvette, Dump Trucks:** 1988 International F2575, 1987 White Western Star, **20 Truck Tractors:** 1987 Freight Liner, 1985 Auto Car, (2) Mack R615, (5) Mack R611, (2) Mack DM685, Mack U685T, 1982 Auto Car, **Utility & Equipment Trailers:** 1988 Pace 100 Ton, **New 1993 Witco 50 Ton Triaxle, New 1993 Witco 35 Ton,** Rodgers 50 Ton Triaxle, General 10 Ton, (2) 1989 Lamco Landscape Trailer, **Attachments, Miscellanous:** Propane Heaters, Air Hose, Snow Plows, Lincoln Welder, Jack Hammers, Snow Mobiles, Power Washer, Snow Blowers, Trash Pumps, Truck Parts (3) IBM Selactric Typewriters And More!

Terms & Conditions: "Cash Or Company Check" Accompanied By Current "Bank Letter Of Guarantee", Made Payable to Alex Lyon And Son. No Exceptions!!

Everything Sells "As Is", "Where Is", Everything Sells To The Highest Bidder Without Minimums Or Reserve.

Alex Lyon & Son
SALES MANAGERS & AUCTIONEERS, INC.
RD #2
Bridgeport, N.Y. 13030
Syracuse (315) 637-8912
(315) 633-2944
(315) 633-8010 Fax



100 HEAD

CATTLE EXCHANGE · STONEHURST FARM · DAIRY CLASSIC

QUALITY HOLSTEINS

CHRISTMAS DAIRY CLASSIC
FRIDAY, DECEMBER 18, 1992 11:00 AM
INTERCOURSE, PA

If you need replacement animals, milk or a service sire you need to join us on December 18th. Many milking 100#/day.
*****Christmas Gifts will be given to many buyers.**

MILK MILK MILK MILK MILK MILK MILK MILK MILK MILK MILK MILK MILK

At Least 12 Calves Sell From 1 Day To 4 Weeks Including Several Preludes And Mascots

*Wes-Land Farm sells a fresh Flashy, Showy VG-86 2 yr. Boutonniere dtr w/20,432 3 6% 741 3 0% 607, a fresh 2 yr old milking 88 Lbs 3.7%F and an EX Starbuck fresh 11-3 milking over 100#/day w/records to 23,000

*Barry Bassett will sell a 3 yr that made 21000 as 2 yr, due in July to Tesk & has milked up to 125#/day, **also selling the Res All NJ & Best Udder 2 yr** bred to Oscar her dam was also all NJ 2 yr in 1990

*4 #1 embryos are being offered by Wayne & Leah Williams from a VG-87 Tradition dtr w/30,250 3 9%F 1190 3 3%P 1009 by Laban. Next dam 3E-91 GMD w/over 25,000 4 9%F

*Vivian Farren consigns a VG-88 SWD Valiant dtr fresh in July & still milking 104 Lbs and her Micheal dtr due in Jan to Wineridge Concord. Also a fresh GP-84 Melwood milking in the 90's from an EX 91 2E GMD DOM w/over 31000 A fancy Astro Jet due Christmas will also sell.

*Melvin Stoltzfus will sell a fresh Rotate dtr from a VG-86 Dam.

*Fultonway Farm sends a Fresh Rotate dtr with over 2y record 19,000

*Alvin Stoltzfus sells two heifers due sale time to Mascot.

*Chris-Gold Holsteins consign a fresh Excellent Fond Reliance dtr, as well as 3 fresh grades milking in the 90's

*Foxlease Farm sends 4 fresh cows w/records to 21,000.

*Don Welk, Jr. consigns a Promise dtr due 12/28 She has an EX Maternal Sister at 4 yrs

*T. R. Williams sells a GP-83 Cleitus dtr due 12-24 to Ares at 2 yrs 305d 20,930 3 6% 759 3.2% 664

*Big Fancy Fresh GP 82 2 yr old Vanguard sells milking 100# she made 17532 3 8% 660 3 4% 696 at 1-10

*David Kulp is selling a Big Strong P9 Henry heifer bred to Aerostar due sale time

*Ben Stoltzfus sells a heifer bred to Blackstar (due sale time) from a 20,000 Dam

*David & Connie Welch send 3 bred heifers all from 30,000 Lb Dams.

*A Flashy Bred Heifer sells from Sinking Springs Farm. She's due in Jan Her dam VG-85 has records to 27,000 Next dam Ex 90 GMD w/records to 24,000.

*Richard Norz is sending a Blackstar dtr fresh in Oct. and milking in the 80's

*Lynn & Bonnie Miller send a fresh Enhancer Dtr from an EX 92-3E dam with record over 21000, next dam VG-87 25080 Also they send a Fresh Tab from a VG 88 Starbuck with 24600 3.9% 963 3.1764 Next dam made 26,240

*****Service Age Bulls*****

*Paul Moyer is sending two bulls born in Sept '91 one by Starbuck from an EX 90 Dam with records to 21,300 3 7% 779 3.0% 631. His maternal sister is EX 91 at 3 yrs. and over 20000. The other one is by Elmcroft Conquest from EX 93-3E dam 365d 25110 4.5 1123 3.5 876.

*North View sends a bull born 5/92 by Thor from an Enhancer projected to 24,759. Next dam Ex 94 w/32080 They also are selling a Leadman son born 12/91 from a GP-81 Blackstar projected to 18697. The next dam EX 90 2E DOM w/31,760 3.6% 1193.

*Foxlease Farm consigns a Leadman son from a VG-88 Chief Mark w/records to 25,750 4 1% 1066 3 4% 867

*Charles Dean, Jr. sends a red bull born 9/92 from the maternal sister of Centra Seisy, she sold for 70,000 at the Masters Edition Sale last month.

Be with us for the Christmas Classic Many Buyers will receive gifts! Quality Cattle are always offered at our sales!!! Consignments are hand selected! All cattle represented accurately! Free Transportation to Lancaster County Amish (Call Don Welk) Many Happy Buyers in the past

Sale held at the Ben K. Stoltzfus Farm just East of Intercourse, PA in RT 340! Cattle are interstate tested & inoculated against shipping fever!!

*****Trucking Available*****

*****Lunch Available*****

The CATTLE EXCHANGE
Dave Roma RD 2 Box 79 Delhi, NY 13753
Ph 607/746 2226 Fax 607/746-2911

Stonehurst Farm
1841 Lime Valley Road
Strasburg, PA 17579
Telephone: Don Welk- 717/687-7475
FAX 717/687-8624

3RD WEDNESDAY & THURSDAY OF EACH MONTH

MONTHLY TWO DAY SALE OF FARM EQUIPMENT

at our place of business located 6 miles south of Chambersburg, PA, one mile east of Marion, just east off Rte. 81 at Marion Exit 4 along Rte. 914 on

WEDNESDAY, DECEMBER 16, 1992
8:30 A.M.

Lawn and garden tractors, chain saws, tools, pipe and usual run of hardware and misc. items.

THURSDAY, DECEMBER 17, 1992
8:30 A.M.

Balance of misc. items, tires, posts, etc.
10:00 A.M.

Farm equipment of all types, makes and models. Some trucks and trailers. **Tractors** of various makes and models, some with loaders. Skid loaders some ind. Equipment expected.

Farmers & Dealers- We accept consignments daily 8 A.M. to 5 P.M. Sat. 1 P.M. Closed Sundays. No equipment with liens accepted unless we are notified. **Full line of new 3 pt. equipment sold daily.** Compare our prices before buying.

Terms - Cash or Good Check
Closed Dec. 25, 26, Jan. 1 & 2
All acounts to be paid days of sale!
Breakfast and lunch at sale.
Next sale Jan. 20, 21, 1993

Marion Auction Service
(formerly Ralph W. Horst Sales)
Jerrold L. Jr. & Gloria Oaks,
Owners & Managers
License #AH-89-L
5174 Horst Rd.
Chambersburg, PA
Phone: 717-375-4700
Rentzel, Wolgemuth, Bohrer, Gossert, Harry, Auctioneers

PUBLIC AUCTION
OF
46 ACRE YORK COUNTY FARM
SATURDAY
JANUARY 30, 1993
12:00 NOON

Located along Bon Air Rd. off Rt. 851, Glen Rock, PA in Codorus Township, York County, PA.

This high quality farm consists of 44.5 acres of whice 34 are tillable, 6 in woodland and 4 are fenced pasture. Excellent for horses, beef or just plain country living. Springs supply a large pond and streams ramble through the pasture. Improvements include a two story farm house that has been recently remodeled and covered in cedar shakes; a 40' x 54' bank barn in good condition; a 30' x 40' machinery shed with overhead doors; and spring house. Overlooking the pond and valley is a 12' x 67' mobile home in excellent condition that would make guest quarters, inlaw quarters or an income producer.

This lovely farm offers seclusion as well as convenience. It is 2 miles to schools, Bon Air Country Club and the Mason-Dixon Line. Interstate 83 allows an easy commute to York and Hunt Valley Zoning is Agriculture and soils are top quality. There is abundant road frontage with subdivision potentional.

For health reasons the owners are offering this property at Public Auction. Whatever your interests are, this farm is sure to please you. Farms like this rarely hit the open market. Lenders with financial assistance are available. Call for a private showing.

Fish in your own pond - Hunt in your own fields.

Terms: 10% down day of Auction. Balance at settlement in 45 days. Balance of terms day of Auction by Rob Lloyd, Stock and Leader 35 S. Duke St. York, PA 717-845-9800.
C. Martin Heaps, Auctioneer
Fawn Grove, PA 17321
717-382-4725
Lic AU 002762-L
MR. AND MRS. PHILIP ANDRE,
Sellers
Glen Rock, PA 17727
717-235-3554

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. JAN. 30 - 8.30AM, Antiques, Org Farmall Pedal Tractor, Marbles, Lewisberry Coffee Mill, Toys, Indian Motorcycle Books & Wrenches, Fishing, Hunting, Motorboat, Dogs & Automobile Lic's, Books, Manuals, Tools, Adv. Pcs., Emblems, Old Fountain Pens, Tobacco Tins, Watch Fobs, Lionel Train Set, Lanterns, Steam Whistle, Oyster Cans, Watch Fobs. Located At The Lisburn Comm. Fire Co, 1800 Main St., Lisburn, Pa. If Traveling On I-83 N Or S, Use Exit #18, Take Rt. 114 W For 5 Miles Or Traveling On Rt. 15 Use Bowmansdale Exit, Take Rt 114 E For 6 Miles To Fire House. Signs Posted Owner, Al Winsky. Little Ike Eichelberger, Auct

FEBRUARY

MON. FEB. 1 - 6:30PM, Wholesale Furniture Located At A&C Diffenbach Auction Inc., 100 West Jackson St, New Holland, Pa. 17557. Alan Diffenbach, Auct

TUE FEB. 2 - 9AM Livestock and Farm Equipment Ten miles east of Lancaster, 2 miles west of Gap, ½ mile So. of Route 30 at 262 Brackbill Road, Lanc. Co Pa. David S Lapp Diffenbachs, Aucts.

WED. FEB. 3 - 6:30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc Nascar Items, And Misc Toys Located At A & C Diffenbach Auction Inc, 100 W. Jackson St., New Holland, Pa 17557 Alan Diffenbach Auct.

FRI FEB. 5 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc., New Holland, Pa.

FRI. FEB. 6, Farm Equipment & Household Goods. Located Rt. 322, 4 Miles East Of Blue Ball, Pa., Lanc. Co. Owner, Martin Zeiset, Jr. Nevin Z. Martin & Sons, Auct

SAT. FEB 6 - 11AM 75 Head of Big, young mules. Located ½ mile Northeast of Route 340 at 2008 Horseshoe Road. Lanc Co. Pa. Paul S Smucker Diffenbachs Aucts

SAT. FEB 6 - 11AM Bath, New York Area, (Between Wheeler and Kanona) Earl Ownes Complete Crop Farm Machinery Auction Pirrung Auctioneers, Inc 716-728-2520

TUE FEB 9, Farm Equipment Located Ext 21 PA Turnpike, Rt 272 North To Rt 897, Turn Right On 897 South Go Approx 2 Miles To Farm On Left Right Before Turnpike Bridge, Brecknock Township, Lancaster County Terms, Noah M and Erma H Weaver Roy Good, Randy Kline, & Lloyd Kreider, Aucts

TUE FEB 9 - 9AM Livestock and Farm equipment, just South of Strasburg Proper, at 235 So Jackson Street, Lanc Co., Pa Eli Ebersole. Diffenbachs Aucts.

FRI. FEB. 12 - 9AM, Farm Equipment & Supplies. Located At A&C Diffenbach Auction Inc., 100 West Jackson St, New Holland, Pa. 17557. Alan Diffenbach, Auct.

SAT. FEB. 13 - 9AM, Horses, Mules, Heifers, Full Line Of Farm Equipment & Tools. Located 12 Miles South Of Nine Points, 9 Miles North Of Oxford, At 313A Bell Road, Lanc Co, Pa. Owner, Jacob Kauffman Abe Diffenbach, Auct

TWO DAY PUBLIC AUCTION

VALUABLE 137 ACRE M/L FARM
ANTIQUES - HOUSEHOLD GOODS
FRI. JAN. 22 & SAT. JAN. 23, 1993
Sale Time 9 A.M. Both Days
Real Estate 1 P.M. Jan. 23

Loc: From Lancaster, Pa. Take Rt. 22 So. app. 12½ miles to property on right. Or from Quarryville, ½ mile North along Rt. 222.

Lrg 2½ story stone home, lrg frame barn, tobacco shed, 2 car garage. App. 80 acres tillable, app. 30 acres woodland, pasture w/stream, road frontage. Zoned residential. Open house, Sat's Jan. 2 & 9 from 1 to 4 P.M. or by appt. call Aucts. 717-786-3394.

Terms: 10% down day of sale, balance upon settlement.
Lic. #513L **717-786-3394**
Terms By
FRANCES K. SHENK, Estate
Donald E. McVey, Executor and
Chester G. Eshleman, Executor

KREIDER & KLINE & GOOD AUCTION SERVICE

4 OUTSTANDING REAL ESTATE PARCELS

Another LANDIS

Excellent Agri-Business Retail And Investment Opportunity
MON., DECEMBER 28, 1992
11 A.M.
Located At 896 Mt. Joy Rd., Mt. Joy, PA.

Take Rt. 283 west of Lancaster, PA. to Manheim/Mt. Joy exit. Continue west on Rt. 772 approx. ½ mi. to auction.

PARCEL 1: Known as Elm Tree Dairy & Restaurant. Approx. 2.84 acres zoned commercial. A 44x80 dairy store w/ showroom with fixtures, walk-in coolers, etc. A 40x80' RESTAURANT WITH SEATING CAPACITY FOR 120. Large warehouse and very modern cooking kitchen with storage and office areas. Complete with SS equipment, freezers, coolers, fixtures. Central air cond. 400 amp service, 30-ton Fuller boiler heating system.

PARCEL 2: Approx. 1.86 acres zoned commercial. A 2/4 story brick house with alum. siding, modern cherry custom built kitchen w/appliances, 2 dens, family room w/brick fireplace, 5 BRs, lg. frame bank barn exc. for warehousing with workshop & slate roof, 3-car block garage, well water, septic, system, oil hot water heat, mature shade, excellent bread & breakfast opportunity.

PARCEL 3: Approx. 109 acres of Prime Lanc. Co. farmland, 104 acres zoned rural, 4 acres zoned commercial. Road frontage along Rt. 772 West.

PARCEL 4: Exc. prime development ground, approx. 68 acres zoned R2 and commercial, Road frontage along Rt. 230.

OPEN HOUSE DATES: Mon., Nov. 23, 10-2; Mon., Dec. 14, 10-2. For additional appts. call 717-653-5155.

TERMS: 10% down day of auction; balance within 45 days.
Additional terms avail. by calling Carl R. Hallgren, 717-653-9329.
Auction For:
RALPH M. & VERNA M. HOSTETTER
Auction Conducted By The J. Omar Landis Auct. Service
Jay M. Witman, AU001127-L
Box 501, Ephrata, PA 17522
717-738-7900, 665-5735

TRUCKS - FARM EQUIPMENT - CARS

AUCTION SALE

Laurence Adkins has discontinued his Farming Operation and will sell the following equipment at Absolute Public Auction on:

SATURDAY, DECEMBER 26, 1992
BEGINNING AT 10:00 A.M.
US RT 50 & WOODYARD RD
WILLARDS, MD

All of Laurence Adkins equipment will be sold first. Consignment items will be sold in the order they are received at the sale site! CONSIGNMENTS RECEIVED DECEMBER 22 & DECEMBER 23.

1979 Ford C-8000 Cab Over w/3208 Cat, 5x2 Trans, 16' Dump & 20 Ton midland Hoist, 11:00RX 20 Tires, Air Brakes, 39,000 GVW; International 1086, Cab Air, Factory Duals, Dual Remotes, 20.8 x 38, T/A works; International 656 wide Front w/ T/A; International 715 combine w/13' Grain Table; 844 Corn Head, Rice Tires; Better Built Honey Wagon 1, 1 gal w/Plow down & Spray Attachment; International 1250 Mix Mill w/16' Auger, Hydro lift & Swing, Digital Scales; International 370 Disc, 40 Blades; International 540 - 4 x 16 Pick up Plows; Ferguson 14' Chisel Plow; International 800 Cyclo Air Planter, 4 row w/cast press wheels, dry fertilizer; 1,000 gal aluminum tank w/John Blue transfer pump; International No 10 drill, 18 spout, single disc opener; Lillison 4 row rolling cultivator; New Idea 244 Manure spreader, tandem axle; Agro tec 500 gal sprayer; 15.5 x 38 Bolt on Duals; 15' Crows foot packer w/wheels; International 12' Frail Chopper; Homemade 2 axle hog trailer; 3 Pt. Round Bail Mover; 4 Wheel Funnel body wagon; 12 Mills Hog Panels; 9' Hog Ramp; 4 Hog Water Troughs; 19' Hay Conveyor; 2 Hole Corn Sheller; Manure Conveyor w/Kohler Engine; Pittsburg 4 row cultivator; Bush Hog 5' Rotary Cutter; 1974 Ford Cab & Chassis; 1979 Ford 4 WD Pick Up w/Bad Rear.

Terms - Cash or Good Check Day of Sale.

PETE RICHARDSON AUCTION SALES
P O Box 51 Willards MD 21874
410/546-2425 Fax 410/835-8613

PUBLIC AUCTION

VALUABLE REAL ESTATE
consisting of
68 ACRE FARM
with adjoining 41 acre tract of land
This is Prime Lancaster County Farmland!

TUESDAY, JANUARY 19, 1993 · 1 P.M.

402 Fieldcrest Drive, RD#1, Willow Street, West Lampeter Twp., Lanc. Co., PA.
Dir.: From Lanc. take Rt. 222 South approx. 5 miles, turn right on Fieldcrest Drive. Second farm on left.

OPEN HOUSE: Tuesday, Dec. 29 and Tuesday, Jan. 5, 9 a.m.-3 p.m.; or call auctioneer for appointment (717) 687-6857.

TERMS: 10% down, balance on or before April 1, 1993.
ATTORNEY: J. Elvin Kraybill

SALE FOR:
Parke & Mary Breckbill

Tract #2 (Same time and location)
41 acres adjoining land w/13 acres tillable and 28 acres wooded area w/ right-a-way.

SALE FOR:
P. Wilmer & Susan Breckbill

MILLER & SIEGRIST AUCTIONEERS
717-687-6857 AU-1723-L

AUCTION
HEAVY EQUIPMENT
SAT. DEC. 19 10 A.M.

Located Irish Valley, Between Shamokin And Paxinos PA, Off Rt 61 Watch For Auction Arrows On Rt 61 Follow To Fig Road.

The Following Will Be Offered At Public Auction- CAT D68U 10½ ' Blade w/NGW Pony Motor - 10 to 12 Ton Roller - 3 to 5 Ton Roller Wis. 4 Cyl - 1988 Case 8550 1¾ Yd Track Loader New Undercarriage - Dynapac CC10 Diesel Vibratory Roller - Allis Chalmers Mod. D 10' Grader New Eng. - Blawknox PF65 Paver 8' to 12' Screed - 1966 Int. Tandem Tractor 250 Cummins 10 sp. Road Ranger - 1975 Ford LN9000 Ten Wheel Dump 13 Sp 13' Body Pintle Hook 318 Detroit - 3 Axle Low Boy 9 Ton Pintle Hook - 2 Axle Trailer Very Low Deck 3½ Ton Designed For Roller Ball Hitch - 30 Ton Pintle Hook - 100 Gal Air Oil Tar Buggy - 10' Snowplow and Bridle For Dump Truck - 1962 Ford 800 Dump Motor Froze New Trans. 2 Sp Rear Good Box - Int.l School Bus For Storage - Tennant Sweeper Self Dump Needs Carb. - Allis Chalmers TD16 Payloader Sold For Parts - 1977 Ford F250 Service Body Heavy Hitch Package Rebuilt Trans. Harrows - Trip Plows - Old Hand Forge - Side Bar Mower - Very Large Scrap Pile Various Metals.

Terms Cash, Travelers Checks. Personal PA. Checks With Current Bank Statement. No Out Of State Checks.

Seller,
CARL PERSING
Irish Valley
717-648-5060

Auctioneer
Joe Kinn AU492L
Danville, PA
717-275-0635

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

TUE FEB 16 - 9AM Livestock and Farm Equipment 4 miles SE of New Holland, 2 miles North of Rt 340, just East of Route 897 at 5393 Seldomridge Road, Lanc Co , Pa Levi S Stoltzfus, Jr Diffenbachs Aucts

FRI FEB 19 - 10AM, Horse Sale. Located At New Holland Sales Stables, Inc , New Holland, Pa

SAT. FEB 20, Farm Equipment, Household Goods, And Antiques From Blue Ball Take 322 W 1 Mile To White Oak Road Turn Right Come To Y Bare Right Onto West Quarry Road To 2nd Farm On Right Terms By, Titus W and Anna W Zimmerman Roy Good, Randy Kline, Lloyd Kreider, Aucts

SAT. FEB 20 - 9AM Livestock and farm equipment, Located 1 mile Northeast of Route 896 from Nine Points, along Vintage Road Lanc Co., Pa Jacob K Miller, Diffenbach, aucts

TUES. FEB 23 - 9AM, Farm Machinery, Belgium Horses From Strasburg Rt. 896 So. 4 Miles, Turn Right On Weaver Rd To Winter Hill Rd. 1st Farm Right. Or Off Rt. 222 Hessdale Turn East On Bunker Hill Rd , Right On Sandstone Rd Left On Stively Rd. Left On Winter Hill Rd. Terms By, Christian K. Miller. Kreider, Kline & Good, Aucts

TUE. FEB 23 - 9AM Livestock and Farm Equipment. ¼ mile South of Route 30 along Route 896 at 46 Hatman Bridge Road Lanc. Co. Pa Jonas L. Beiler. Diffenbachs Aucts.

WED. FEB. 24 - 9:30AM Full line horse dawn farm machinery, draft horses, 2 miles North of White Horse. Jacob & Ruth King. Steve & Steve Jr Petersheim 215-593-2828.

THUR., FEB. 25 & FRI. FEB. 26 - 8:30AM, 2 Day Public Auction. Both Days Will Be At 8:30 AM. Antiques, Tractors, Engines And New Used And Abused Farm Equipment. Located 2½ Miles West Of New Holland, Turn Off Route 23 On South Groffdale Road. Turn Left On Musser School Road, Lancaster County, Pa Terms By Elias S. Beiler, 601 Musser School Road Must Have Listing Of What You Want To Sell By January 12, 1993. Robert E And Jeffrey R. Martin, Blaine And Nevin Rentzel, Bob And Dennis Wolgemuth, Randal Ranck, Ed Goodrich Jr , Aucts.

PUBLIC AUCTION

Horse Drawn Farm Machinery - Draft Horses
Milking Equipment - Hay

Tuesday, January 5, 1993

9:30 A.M.

Sale held at the farm on Hess Road, Lancaster County, PA 4 mile west of New Holland just off Rt. 23. Go south at Turkey Hill Minit Market.

Horses - Harness - Hitches

Pair of 8-10 year old Blond sorrel; 8 year old Red sorrel gelding; 12 year old sorrel mare; 4 set of heavy harness; bridles; collars; 2-3-4 horse hitches.

Barn - Milking Equipment - Dumping Station

3 - 50 lb. Westfalia milker units with Delaval shut off claws; 60 lb. pail; milk mover dumping station with dryer and washer; feed carts; grit spreader; Delaval vacuum pump; Lehigh cooling compressor; 10 HP air compressor; Deutz 2 cyl. diesel.

Manure Handling Equipment

Stoltzfus built liquid manure spreader; Stoltzfus built liquid manure pump, portable.

Planting & Tillage Equipment

White Horse hyd. 2 way plow; John Deere K.B.A. disc harrow; Dunbar cultipacker mulcher; 8 ft. clod buster; New Holland 455 mower on chassic; New Holland 401 crimper; New Holland 55 rake; **International 8520 baler with 2 cyl. Kohler engine new 1989** in excellent condition; 2 flat bed wagons; bale and corn elevator with hyd. motor and hose sells separate; 4 row International corn planter with plateless hoppers set up with tongue, nice unit; John Deere corn binder with loader, New Idea 323 corn picker; hi moisture chopper blower; P.T.O. single chain elevator; M.C. chopper mower with 4 cyl. Petter diesel, sells separate; New Idea transplanter; ground drive fertilizer spreader; 2 forecarts; 2 Wisconsin engines, 4 cyl. with clutch reduction and hyd. system; 2 cyl. with clutch reduction; crop weeder; large propeller fan with engine; 4 tobacco presses; 11,000 tobacco lath; **653 Detroit power unit tractor;** wagon load small items; dairy supplies.

Approximately 30 ton mixed hay

Owner:
Amos K. & Elizabeth Glick

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
AU 001349L

Food on Premises

Petersheim Auctioneers

PUBLIC AUCTION

MODERN FARM EQUIPMENT; GRAIN BIN; TRUCKS; SKID LOADER; BUGGIES & SLEIGHS
TUES. DEC. 29, 1992
AT 11:00 A.M.

(10 miles N of Allentown, PA) In the village of Neffs, from the Church, take Laurey's Station rd. for 1 miles to Old Post Road (Rt. 329), turn left toward Slatington for .7 mile, turn R onto Rockdale Rd., continue L onto Red Hill Rd., leads into River View Rd., a total of 2.7 miles, L onto Ranch Rd. to Farm, Lehigh Co., PA.

TRACTORS

WHITE 2-110 3 pt etc, 2050 hrs w/18-4-38" rubber; set of duals for same; Oliver 770 wf, gas w/hyd swinging drawbar.

COMBINE

JD 4420 w/straw chopper only 1200 hrs; 213 grain head & 443 n r c head.

TILLAGE

Brillion 3 pt 9 tooth chisel pl; 10' Buster Bar; Oliver #556-5-16" cushion trip 3 pt semi mtd pl; Brillion 18' transport wing harrow; AMCO F-17 12' 6" transport plowing disc; 15' single roll transport cultipacker.

PLANTING & SPRAYING

White 5100 - 4 r adj width, c planter w/ hyd blower; JD 8350-24 disc grain drill, no fert or seed box, has tire path erasers; Century 300 gal inline tank weed sprayer w/42' hyd folding boom; 1500 gal fert tank.

GRAIN BIN & AUGERS

GSI 6500 bu bin, 3 yrs old (never filled) w/Airstream fan, perforated flr, bot unload auger & bin sweep; Hutchinson 40' 8" transport auger; Sukup drum type grain cleaner (new); 8' 8" unloading auger w/ motor (new); Lavelle 24' grain or bale elev; grain aerator.

MISC.

Bush Hog 10' rotary cutter; 2 Centrifugal sprayer pumps & new 8 roller pump; Westfield hyd fert auger; 100 gal portable field fuel tank w/pump; 10 ton flr jack; Craftsmjan 5 HP air comp; 11" all steel skid loader trailer w/loading ramps, tandem axle, 12 ply tires; Mott 3 pt 6' mower (nice).

SKID LOADER

Owatona (Mustang 1700) w/Perkins diesel engine.

TRUCKS

1964 Dodge 700 w/2 spd rear, 26,000 GVW w/14' metal dump body; 1967 GMC w/2 rear, 21,000 GVW w/8' x 7' - 6" metal dump body.

HORSE DRAWN ITEMS

Rubber tire top buggy formerly owned by the late Clayton Snyder for Neffs (made by Buchman & Wichert); rubber tire open top buggy, restored 1980; horse size break-in cart; (2) 1 horse sleighs, one swan type, one made in Fleetwood.

AUCTIONEERS NOTE: This equip looks nice.

SALE ORDER: 11:00 a.m. horse drawn equip., followed immediately by farm equip.

Terms-- Cash or Acceptable Check

For
RONALD & NORMA ROYER
Refreshments Available

P.O Box 215 • Fogelsville PA 18051 • 215-395-8084 • License #AU001809-L

SETTLEMOYER AUCTION

FARM REAL ESTATE
AUCTION
Halderman Can Help

HOG FARM AUCTION

AUCTION: Thursday, January 14, 1993 at 2:00 P.M. EST
Steuben County, Indiana & Branch County, Michigan
200 Ac. Hog Farm - 80 Ac. Hog Farm - 90 Ac. with Gestation Barn
(2)- 250 sow full, confinement operations.

Farm #1 - 80 acres, 63 acres tillable Hog Operation 52 crates, 3 Harvestores, Slurrystore, and home 10 miles northwest of Angola, Indiana

Farm #2 - 200 acres to be divided into 2 tracts *Tract #1* 120 acres, 75 acres in CRP, 8 acres tillable, 37 acres woods & misc , *Tract #2* 80 acres, 39 CRP, 41 buildings & gravel pit Hog Operation (Tract #2)- 52 crates, Harvestore, Slurrystore, and home 6 miles west of Angola, Indiana.

Farm #3 - 90 acres, 40'X485' Gestation barn, 40' X 240' grower building, with home 13 miles southeast of Coldwater, MI - 12 miles NW of Farms #1&2

OWNER: Bucklin Farms, Inc.
For More Information CALL
Bill Earle
North Manchester, Indiana
(219) 982-8351
Auctioneer Mark Metzger

HALDERMAN REAL ESTATE SERVICES
1 (800) 424-2324
P.O Box 297 Wabash, IN 46992

GEORGE O. JENSEN
COMPLETE FARM DISPERSAL
CATTLE-MACHINERY PRODUCE-IRRIGATION
FRI. DEC. 18, 10:30 A.M.
PENN YAN, (YATES CO.) NEW YORK

Sale to be held at the farm, 1748 Preemption Road, ½ mile north off State Route 54 just east of Penn Yan; or 18 miles south off Routes 5 & 20 at Ponderosa Rest at Geneva.

Having sold the farm, selling at absolute auction will be:

128+ INTERSTATE TESTED HOMERAISED COMMERCIAL HOLSTEINS +128

DHI 10-29-92 RHA 74 Head 16,622M 595F 3 6 522P 3.1. This artifically sired and bred herd consists of 77 milking age females of year around freshening This is an honest herd of stanction and tie stall cows bred for udders, feet and legs. The cows are in good condition but have not been pushed for production Genetically this herd is in the top ½ of Northeast E.T.A. with a plus of 82! Heifers include 20 from short bred to springers bred to hereford bull; 14 open yearlings; 17 calves. Cattle will be pregnancy examined, inoculated against shipping fever, blood and T B. tested. Truckers available! Cattle sell under tent at 12:30 P.M

PRODUCE:

(Selling just before cattle) 1 Lot of app 500 square bales 1st cut (early June) grass hay, 1 Lot of app 1200 bales of 1st cut Alfalfa; some straw; App ¼ of 20x60 harvestor of 1992 crop 2nd and 3rd haylage.

10:30 A.M. MACHINERY TO INCLUDE:

IH 3588 "2 Plus 2" tractor, 1000 rpm p.t o , 18.4-38 rubber, 2 hyd. remotes, 3273 hrs., looks and runs good; IH 674 diesel tractor, 18.4-30 rubber, Ford 4000 Special Utility Tractor with brand new in 1991 diesel engine, equipped with Ford Industrial front end loader; Ford 8000 diesel tractor, 18 4-38 rubber, sells with knock in engine; IH Farmall "H" n.f.e. tractor; IH 715 gas combine with Corn-Soy Special Package, 15 ft. grain head and 743 4-row narrow corn head; GT 570 LP gas grain dryer, 1959 Ford F-700 truck with 14 ft. grain rack and underbody hoist; IH 881 chopper (1000 rmp) with electric controls and hyd. knife sharpener, 2-row narrow corn head and wide pickup hay head; Dion and Kasten 3 beater 16 ft. s.u. wagons; IH 56 and Ford 618 blowers, 2 Killbros gravity wagons; Allied 6 in.x40 ft transport auger; IH #8 flail chopper; IH 58 6-row narrow corn planter with liquid fert. tanks and J. Blue pump; Walsh 200 gal. sprayer; IH 445 conventional baler; Hesston 1010 hydroswing haybine; Demco 80 gal. side dress tank; Vicon 3 pt. broadcast seeder; 3 flat rack wagons; Little Giant 48 ft. transport bale-grain elevator; Ford 3 pt. 5 ft. rotary mower; Ford (ARPS) 6 ft. 3 pt. scraper blade; IH 6-row narrow 3 pt. vibrashank cultivator; Case 15 ft. transport disk, IH 401 16 ft. drag; Brillion 3 section 16 power ft cultipacker; Ford 101 5-16 semi-mount plow, spring reset, and power slide hitch; Ford 4-16 semi-mount plow; NH 301 sidewinder manure spreader; Starline IH tank spreader; set of 18.4-38 and 15.5-38 snap on duals; Continental gas engine with hand clutch, Chrysler 6 cyl. irrigation pump; App. 15000 ft or Racebilt 3 in. aluminum irrigation pipe with Rainbud 14070 sprinklers on risers; Harvestor roller mill, Uebler 650 feed cart with gas engine; 2 Alley fans, Patz 10 ft single chain fed conveyor

SPECIAL ITEM:

Ford 6000 Commander cast iron pedal tractor sells just before cows! Tent-Lunch-Portajohns on Site! See you Fri. Dec. 18th!

Terms: CASH or honorable check day of auction. Acceptable ID required! Owned by Mr. George O. Jensen. For info. phone 315-536-8755 6:30 to 9:00 A.M. or 4:00 to 7:00 P.M.

Auction Conducted By:
Pirrung Auctioneers, Inc.
Wayland, New York
716-728-2520

BRAD SMITH AUCTION CO.
WED., DEC. 16th
At 3:30 PM

Selling the Anna Marie Malone Estate
LOCATED: 5 miles South of Red Lion along Rt. #74, just before the Brogue, York Co., PA. Signs posted.

ANTIQUES ANTIQUES ANTIQUES

Very Early Walnut fancy Sideboard marble top approx. 8 ft. high a must to see, very old pine bench table w/lift up lid nice, 1 pc. Oak hanging corner cabinet, 2 pc. Oak cylinder desk w/bookcase on top, 60" Oak S roll top desk w/4 drawers each side and lots of pigeon holes, 2 very old dovetailed 4 drawer dressers graduated, Oak fancy dresser, Oak dresser w/mirror rope type design, Early feed box, old cabinets, old grain cleaner w/original blue paint, Oak fainting couch, 4 pc. leather chair, rocker, love seat & fainting couch, old clothe dryer, single iron bed, buggy wheels, 4 wheel farm wagon, horse hames & shaft, several quilts, old Christmas items, coffee grinder, one hole corn sheller, York, PA. and much more to numerous to mention. Please come early to look around. OPEN 9-5 PM daily for inspection. This auction offers a rare find to early furniture. **Furniture sell at 6:00 P.M.**

TERMS: CASH OR GOOD PA CHECK
Food Available

Auctioneers PH: 717-927-6949
Bradley K. & Patricia L. Smith
Lic. #RY10L

PUBLIC AUCTION
SAT., DEC. 19, 1992
At 9:15 A.M.

We will be selling from the former home of Bill & Pat Ergott, R.D. #1, Jersey Shore, Pa. From Jersey Shore, take Rt. 220 South for approx. 2 miles, then take the Pine Creek exit and go approx. 2 miles west on the Clinton County or west side of Pine Creek to the sale site. Watch for auction signs off of Rt. 220.

1973 VW Super Beetle, Dune Buggy, 1978 Dodge pickup, M.F. & W. Horse lawn tractors, Dahlco 3000 crawler/tractor, Kubota M7500 DT 4x4 diesel tractor w/#1820 loader, wood splitter, metal bandsaw, tools, guns, coins, appliances, collectibles, organ, Hess trucks, plus much more for all day auction. Complete listings in Sun Gazette, Sunday 12/13/92 or Friday 12/18/92 or call auctioneer for complete listing.

Owners:
BILL & PAT ERGOTT
Lunch & Parking Available
Heated Tents If Needed

Conducted by
Scott Younkin &
Associates
AU-1666, (717) 323-9011

Scott Younkin
Auctioneer — Appraiser

PUBLIC AUCTION
ABSOLUTE FARM REAL ESTATE AUCTION
TRACTORS - MACHINERY - SMALL BUILDINGS - HAY & STRAW

The undersigned will sell at public auction, the following described, located taking Route 97 - 4 miles South of Gettysburg, PA or 4 miles North of Littlestown, PA - at Two Taverns, turn onto the Two Taverns-Bonneauville Road and go 6/10 mile to sale site - sale signs posted - on

SATURDAY, DECEMBER 19 - 10:00 A.M.

Real Estate - 12:00 Noon - All that tract of land lying and being in Mount Joy Township, Adams County, PA - containing approx. 103.8 acres. Tract consists of 95 acres tillable, 5 acres woodland, balance & pasture buildings.

Improvements on this tract are a 41 ft. by 38 ft. 2½ -story frame w/aluminum siding home - containing very nice large paneled kitchen w/built-in cupboards, brick fireplace and sitting area, paneled laundry room, large carpeted paneled living room, paneled office or den, bedroom and shower-bath w/closet on first floor, large full bath, large carpeted master bedroom and 3 other bedrooms on second floor. Home has large storage attic, metal roof, partial cemented full basement, like new water softener and aluminum storm doors & windows. Also home has a 4-year old 16 ft. by 36 ft. in-ground swimming pool w/pool house and own well and septic.

A nice large 105 ft. by 72 ft. cement block & frame bank barn with metal roof, having a cemented roofed loafing area w/feed bunk, a Bou-Matic double 4-milking parlor w/pipe line, a cement block milk-house and a cement stave silo. A 46 ft. by 73 ft. Morton machine shed & utility building, metal sides and roof, side and both end sliding doors. A 47 ft. by 62 ft. Morton loafing shed or machinery shed w/metal sides & metal roof and doors on ends and several other wood utility buildings.

Other improvements at another location on this farm - off the Two Taverns Rd. are a 14 ft. by 76 ft. frame w/aluminum siding home w/metal roof - having an 8 ft. by 10 ft. enclosed and 12 ft. by 16 ft. open porches. This site presently has a double sand mound serving another homesite and own well. Property has partial macadam driveway, is nicely landscaped and has a stream.

Auctioneer's Note - This farm offers many possibilities, horses, beef, dairy, etc. - has a very private setting, most all buildings are in very good condition and farm will be sold. Plan to see and attend sale - **For Inspection of Real Estate -** Call undersigned owner or auctioneer.

TRACTOR - MACHINERY - BULK TANKS - HAY & STRAW - ETC.

Excellent John Deere Model 4020 - diesel, Sycro trans. - very nice Year-A-Round cab - 18.4x34 rears, front & rear weights, 2 remotes w/2870 original hours (one of a kind); Massey Harris Model 30 tractor w/11.2x38 rears; 2-like new Central Tractor 6-ton 16 ft. flat bed wagons; nice Badger Model BN542 silage blower; nice John Deere Model 44 PTO - single beater manure spreader; New Idea ground driven tractor spreader; New Idea 3-beater forage box on New Idea heavy duty chassis; John Deere 10 ft. end wheel trans cultimulcher; John Deere 10 ft. 28-disc pull type disc harrow; VN 2-horse farm wagon w/Conostoga top; New Idea 3-beater horse spreader on steel; 2 steel wheel implement cart; McDeering 2-horse single row cultivator; New Idea side delivery rake on rubber; New Idea 7 ft. cutter bar mower; New Holland Model 273 pick-up baler.

Several farm utility buildings - 8 ft. by 10 ft. & 10 ft. by 10ft.

Nice Mueller and DeLavel stainless steel bulk tanks; 600 gallon skid tank w/hand pump; old New Holland Model 66 baler w/Wisconsin motor; McCormick 1-row pull type PTO corn picker; International Model 33 manure loader for H or M, etc.

Wood silage cart; misc. harness and saddles; chicken crates; Craftsman cast iron engine.

Approx. 3500 - 4000 bales hay; Approx. 2000 bales straw; Approx. 30 ft. corn silage in 40 ft. silo.

Lot misc. items and 1-wagon load small items.

Note - Please Be Promp - Not A Long Sale.

Terms of Real Estate - 10% down at time of sale - Balance on or before 30 days - Other terms at sale.

Terms of Personal Property - Cash or Check With Bank Letter of Credit
Refreshment Rights Reserved

JACOB STOLTZFUS - Owner
Ph. 717-337-3137

C. David Redding - Auctioneer - PA License No. 742-L
Gettysburg, PA - Ph: 717-334-6941
Lovette M. Mott - Attorney
231 Baltimore Street - Gettysburg, PA

Dairy and Livestock Sales

Public Auction Register
Closing Date Monday 5:00 P.M.
of each week's publication

PUBLIC AUCTION

CARS; FARMALL TRACTOR; BUGGY; FURNITURE; HOUSEHOLD GOODS

SATURDAY, DECEMBER 19, 1992
AT 9 A.M.

Located at 400 Willow St., Kutztown, Berks Cnty, PA. Follow Rt. 222 onto Main St. in Kutztown at Basin Street Hotel turn South onto Willow, proceed to Auction.

CARS, TRACTOR, BUGGY, ETC: 1967 Chevy Malibu 2 dr/auto & 62,000 miles; 1973 Volkswagon w/68,000 miles; 1962 Volkswagon (not running); Farm H Tractor; JD 6' Rotary Cutter; Smoker 24' bale elev; 1 horse open buggy; ladder hay wagon; 9 English saddles; riding tractors; Plus full line of furniture & household goods.

Terms: Cash or PA check
Refreshments Available
Auct Note: Starting at 9 a.m. w/ smalls & household goods; 12 noon cars, tractor & buggy.

Ordered By:
GEORGE & MARILYN BALDWIN
Conducted By:

P.O. Box 215 • Fogelsville PA 18051 • 215 395 8084 • License #AU001809 L
RALPH W. ZETTLEMOYER AUCTION CO. INC

MARCH

MON MAR 1 - Wholesale Furniture Located At A&C Diffenbach Auction Inc, 100 West Jackson St, New Holland, Pa 17557 Alan Diffenbach, Auct

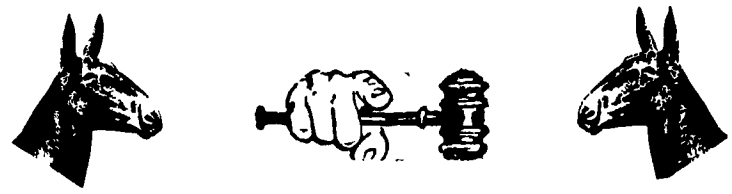
WED MAR 3 - 6 30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc Nascar Items, And Misc Toys Located At A & C Diffenbach Auction Inc, 100 W. Jackson St, New Holland, Pa 17557. Alan Diffenbach Auct

FRI. MAR. 5, David S. and Martha Z. Zimmerman, RD 2, Williamsburg, Blair Co Farm Equipment, Tools And Household Goods Nevin Martin And Sons

FRI MAR 5 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

SAT MAR 6, Farm Equipment, Dairy Herd, Shop Tools, Household Goods Located From Blue Ball Route 322W Approximately 1 Mile Turn Right On White Oak Road Come To Y Bare To Left On White Oak Road Approximately 2 Miles To Farm On Right Owners, Harry And Lena Burkholder Roy Good, Randy Kline & Lloyd Kreider, Aucts

SAT MAR 6 - 8 30AM, Farm Equipment, Horses, Mules Hay, Straw, Corn, Carpenter Small Tools, Household Good, New & Used Furniture, Quilts, Truck Load Of Fruit Located 6 Miles SE Of Strasburg On Route 896, Village Of Georgetown, Lancaster County, Pa Local And Well Known Auctioneers



PUBLIC AUCTION
OF MULES, DRIVING HORSES & PONIES, APPROXIMATELY 60 HEAD

SAT. JAN. 16, 1993 SALE AT 11:30 A.M.
WILL BE HITCHING AT 9:00 A.M.

Located between New Holland & Leola. Turn off Rt. 23 on South Groffdale Rd. 1 mile to sale. On the Roy Stoltzfus Jr. Farm. Lanc. Co. PA.

Six pair sorrel molly mules all three & four yr. old standing from 16.1 to 17 hands all broke all have worked on local farms this summer.

Dina & Peral 4 yrs. old well broke for anything on the farm safe for children to ride or drive. Have been used for wagon rides this summer at the fair grounds, worked on farm for 2 yrs.

Babe & Betty 3 yrs. old stands 17 hands broke for lines in farm machinery were used in south for hay rides as two yrs. olds.

Salt & Pepper dark sorrel 3 yrs. old stands 16.2 & 16.3, well broke for all farm machinery.

Pet & Peggy blocky sorrel mollys 3&4 yrs. olds, 16.2 & 16.3, well broke w/snap.

Polly & Dolly blonde sorrels mollys 3 yrs. old 16.2 well broke works good in lines.

Jewel & Jenny blonde sorrel mollys well matched - both have white spots on forehead light mane & dark tails stand 16.1 workers in lines.

Also 1 pr. sorrel molly mules welled boned & broke standing 15.3 worked on farm all yr. A few single mules w/sizes & broke.

Selling 25 to 30 head of mules for Bill Cochrn from Tennessee, mostly good large mules some of these will be worked on our farm before the sale.

One Load of mules from Illinois w/a few large pairs & some smaller mules.

1 load of Standard bred driving horses from Ruben Stoltzfus, a few ponies, broke.

Terms By
STEPHEN G. LANTZ

Aucts Note- In case of snow storm sale held Jan. 23, 1993
Auct- Robert E. & Jeffrey R. Martin
656-7770 **AU-000580L**

Refreshment Available

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

TUES MAR 9 - 9AM, Farm Machinery Located 796 Long Lane, Lancaster, Pa. Terms By, C Lloyd & Florance K. Harnish. Kreider, Kline & Good Aucts.

THURS, MAR 11 - 11AM Penna Heifer Relief Sale at Mel Kolb's Sale Barn, off Rt. 283 at Flory Mill Rd Exit. Wilmer Kraybill, Manager 215-286-9576

FRI. MAR 12 - 9AM, Farm Equipment & Supplies Located At A&C Diffenbach Auction Inc, 100 West Jackson St, New Holland, Pa 17557 Alan Diffenbach Auct

SAT MAR 13, Farm Equipment for Robert & Miriam Kauffman located at 439 Bossler Road, Elizabethtown, Lancaster Co Long & Long Aucts

SAT MAR 13, Charles Benner and Ken Boyer will offer at public sale full line of modern farm equipment Located East of Mt Pleasant Mills Pa Along Rt 35 (Snyder Co) Ken E Smith, auct

SAT. MAR 13 - 9 30AM, Farm Equipment, Household Goods, Antiques. Located Along E Farmersville Rd., East End Of Farmersville, West Earl Township. Terms By, Paul H Weaver. Paul W. Horst, Auct.

FRI MAR. 19 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

SAT MAR 20, 38 M/L Acre Farm, Machinery, House Goods, Coins Located From Lancaster, Pa Take Rt 272 So App 10 Mi Turn West On Truce Rd, Cross Over Rawlinsville Rd Onto Martic Heights Rd Turn Left On Creamery Rd 1st Farm Left Terms By, Charles Walter Jr Estate. Kreider, Kline & Good, Aucts.

SAT MAR 20 - 8 30AM, Building Material Sale All Day. Located 6 Miles SE Of Strasburg On Route 896, Village Of Georgetown, Lancaster County, Pa Local And Well Known Auctioneers

SAT MAR 20 - 9:30AM, Public Auction Of Milk Bottles Located At The Brickerville Fire Hall, Just Off Rt 322 At Brickerville, Pa Paul Snyder, Agent For Owner. Paul & Michael Snyder, Aucts

SAT. MAR. 20 - 10AM Bingham Center (Potter Co) Penna. Between Ulysses and Genesee. Mr and Mrs Harold Kiebach Complete Dispersal. Pirrung Aucts., Inc.

SAT MAR 20 -11AM Genesee, Pa Harold Kiebach Complete Farm Dispersal, Cattle and Machinery Auction. Pirrung Auctioneers, Inc. 716-728-2520

SAT MAR. 22 - 9 30AM Marion, New York, Peter Bliek and Son, Inc. Complete Farm Dispersal, Potato and Onion Equipment Auction Pirrung Aucts., Inc 716-728-2520

TUES MAR 23 - 9AM, Quilt, Craft & Buggies Located At A&C Diffenbach Auction Inc, 100 West Jackson St, New Holland, Pa 17557 Alan Diffenbach Auct

PUBLIC AUCTION

Dave Deibler & Ed Shoop

Saturday, December 19, 1992

at 12:00 NOON

Located At 102 Small Valley Road, Wayne Township, Halifax, Pa.

DIRECTIONS: Take route 225 at Dauphin to Community Banks, Halifax. Turn east onto Carsonville Road, proceed approximately five miles to Enterline. Then two miles north to Small Valley Road, watch for sale signs.

REAL ESTATE AT 12:00 NOON

APPROXIMATELY 46 ACRE FARM IN SMALL VALLEY, WAYNE TOWNSHIP

* 2½ Story Frame Farm House
* Ground Floor — Kitchen, Half Bath & Laundry
* First Floor — 2 Bedrooms, Living Room & Bath
* Second Floor — 4 Bedrooms and Half Bath
* Most of the rooms are paneled and carpeted
* Coal Hot Water Baseboard Heat
* Drilled Well & Septic
* 2 Bay Bank Barn, Corn Crib
* Stone Ground Cellar, Summer House
* Land is mostly tillable with stream running through property. Hard road frontage. Beautiful view on top of hill

TERMS: 10% DOWN, BALANCE 45 DAYS. Additional terms day of sale. For inspection call 896-8305 or 896-8530.

ESTATE OF:
THOMAS E. JACKSON
Attorney: Etzweiler & Radenbach
Estate Executor: Thomas Williams

AUCTIONEERS:
David Deibler, 896-8530, AU001213-L
Ed Shoop, 896-8305, AU000A42-L
37 Sycamore Ave., Halifax, PA 17032

HERD DISPERSAL

SATURDAY, DECEMBER 19, 11:00 A.M.

at the William H. Simpson farm located at village of Ambrose, 15 miles from Indiana take Rt. 119N to 85W or from Kittanning take Rt. 66N to Rt. 85E. WATCH FOR SALE SIGNS.

CATTLE: 54hd Holstein Diary cattle: 35 cows & 19 heifers. 15 cows fresh in last 30 days or will be fresh by sale date; 6 cows due last Dec./early Jan. Balance in good flow of milk. 11 breeding age hfrs, 4 yrlg hfrs, 4 hfrs 6-8 mo. old COWS are of good size and in good flesh with good udders All are home raised & AI sired. Good potential. PREG CKD & health charts available. IF YOU NEED MILK DON'T MISS THIS SALE!

DAIRY EQUIP: 3 Surge milker pails & vaccuum pump, step-saver unit; 535g Mojonnier tank w/Surge automatic washer.

Refreshments.
Not responsible for accidents.
TERMS: CASH or CHECK w/PROPER ID.

Owners:
WILLIAM H. & BEULAH SIMPSON
R.D. #2 Box 124
Marion Center, PA 15759
412/397-2185

Auctioneer:
William Wolfgang
R.D. #1 Dayton, PA 16222
814/257-8432
814/257-8978
AU001335-L

ESTATE AUCTION

BUSINESS LIQUIDATION OF BARRY'S GARAGE

SATURDAY, DECEMBER 19, 1992

At 10:00 A.M.

327 Cemetary Avenue, Carlisle, PA

From I-81 take Ex. 14 onto rt. 34 North. At 2nd traffic light turn east on Willow St. Go to stop sign turn left on S. Bedford St. to auction on left at cemetary.

TOOLS EQUIPMENT PARTS

Snap-on socket sets & mechanics tools, Mac-tools, wrenches, ratchets, breaker bars, H.D. 1" drive socket sets, tap/die sets, air wrenches, impacts, drill bits, c clamps, Scott arc welder, master AC/DC welder, 3 acetylene torch sets, hydraulic jacks, jack stands, arbor press, anvil, bench vises, work benches, grease guns, tool boxes, barrel pumps, air paint sprayers, grinders, air hose, ignition parts, spark plugs, bearings, alternators, lamps, lenses, 8 cabinets filled w/hardware, thousands nuts/bolts, floor jacks, truck bumpers, fuel tanks, propane tanks, mirrors, fuses, sledge hammers, shovels, brake linings/parts, micro wheel balancer, axles, transmissions, Chilton repair manuals, pedestal grinder, jacks, engine stand, elec. motors, oil & air filters, hose clamps, wire, cable, hitches, hundreds of automotive & truck parts new & used.

. VEHICLES MISC. EQUIPMENT FORKLIFTS

1982 Ford conversion van extended w/high top, 1985 utility trailer, 1980 Ford 7000 diesel truck cab & chassis, 1973 IH 1600 school bus, 1969 Mack MB-400 diesel cab & chassis truck, 1968 White diesel truck cab/chassis, 1969 IH Scout 4 WD, 1970 Buick Opel, Toyota 3,000 lb. Forklift, Yale forklift, Mobilift, Motowlift forklift (all need repairs), 35 4 wheel warehouse carts, 7.5 HP air compressor, 12 shop carts, pallet jack, metal shelving, platform scales, pop-up tent camper, tag-a-long air compressor, air tanks, 150,000 BTU heater, Shopmaster band saw, mechanical hacksaw, ladders, 2 refrigerators, file cabinets, microwave, fork extensions, load chains/binders, gas engine powered air compressor, trailer dolly wheels, truck tires, mud flaps, alum. scrap pile, steel scrap pile, plus hundreds of items too numerous to list!!

NOTE: Lg. vehicles sell at 1:00 P.M. Due to large amount of merchandise we may sell at 2 places at once. Bring a friend. No out of state checks. Removal by 12/31/91 a must!! Inspection day of auction only 8:00 a.m.

Estate of
BARRY MYERS
Trena Myers, Executrix
Kerry A. Pae, CAI, AU 1367
Jeffrey L. Knosp, CAI, AU 1710L

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

PUBLIC AUCTION

MACHINE SHOP EQUIPMENT

TUESDAY, DECEMBER 15, 1992 9:00 A.M.

1495 CONEWAGO AVENUE, MANCHESTER, PA.

LOCATED: Take Rt. 181 North through Manchester 1½ mile, cross bridge, turn left on Conewago Road, go 1/2 mile to building on right. Watch for Signs!

MILLING MACHINES

Lagun FTV25 Vert. w/10" x 50" Table; Van Norman Horz./Vert. w/13" x 60" Table; Arlington Vert. w/9" x 42" Table; Prodex Vert. w/9" x 50" Table; Millrite Vert. w/7" x 32" Table.

MISCELLANEOUS

Orbit Floor Model Drill Press; Thermolyne 9" x 9" x 18" Heat Treat Furnace & DRO Controls; Majestic 6" Wheel Ped. Grinder; Toledo 10 Ton Punch Press; 20 Ton H Frame Hyd. Press; Roll-in Band Saw w/1/2" Wide Blade; 6" x 18" Brown & Sharpe Mag. Sine Plate; Harig Grind All; Dunore Tool Post Grinder; Dayton 10" Wheel Ped. Grinder; YUASA Accu-Jig Grinder; Bridgewood 1" x 32" Belt Sander.

LATHES

Summit 15" x 60" Engine Lathe w/Taper Attach. & Lots of Tooling; South Bend 10" x 31½ ".

GRINDERS

Kere 10" x 20" Hyd. w/Coolant & Over Wheel Dresser; Kent 6" x 18" Surface Grinder w/DRO & Over Wheel Dresser.

INSPECTION EQUIPMENT

Mitutoyo Profile Projector Type PJ-300 w/10 & 20 Power Lens; Mitutoyo 0"-12" Micrometer Set w/Carbide Face & Set Rods; Meyer Gage Pin Set .011 to .500; 81 pc. Inspection Gage Block Set; Starrett Black Granite Surface - Plate 24" x 38"; Starrett Black Granite Surface - Plate 18"x25"; Mitutoyo 12" Dial Height Check.

SHOP EQUIPMENT

Metal Shop Benches, Metal Bookcases, Metal Tool Cabinets, Metal Foremans Desk, Metal 5 Drawer Cabinets, 36 Drawer Cabinet, Sharp Half Pint Microwave, Double Base Cabinet, 30" x 5' Long Metal Table, Bag Truck, Clark Electric 5000 lb. Side Shift Fork Lift, Exide Model #ETR-18-1000-5 Charger, 70 Drawer Cabinet for Nuts, Bolts, Washers, Etc.; Wright 500 lb. Electric Hoist, Van Dorn 3000 RPM Tool & Cutter Grinder, Tall Wooden Cabinet - Taper Shank Drills, FIE Rockwell Hardness Tester, Electric Blade Welder 1/2" Cap., Interlake Band Straper, 4 Drawer File Cabinets, Metal 6 Drawer Executive Desk, Swivel Chair, Office Side Chairs, Silver Reed Copy Pro Desk Top Copier, Swintec 3500 Office Typewriter, Secretary's Desk, Folding Table, Sharp FO-420 Fax Machine, Reamers, Drills, Taps, Dies, Tapered Bits, End Mills, and many items too numerous to mention.

TERMS: CASH OR GOOD CHECK

SELLER:
WAYNE TOOL & MACHINE CO., INC.
717-266-3479

AUCTION CONDUCTED BY:
Rentzel's Auction Service
Blaine & Nevin Rentzel
Emigsville, PA
717-764-6412
PA Lic. #761 & #2483

HORST AUCTION CENTER

PUBLIC SALE

ANTIQUES, REPRODUCTION FURNISHINGS, HOUSEHOLD GOODS, TOOLS

SAT., DECEMBER 19, 1992

9 A.M.

Sale to be held at the Horst Auction Center located at the corner of Rt. 322 & Durlach Rd. (Approx. 2½ miles west of Ephrata), Ephrata, Lancaster Co., PA.

FURNITURE

Dutch Cupboard; Raised Panel Kas (Restorations); High Case of Drawers; Blanket Chest; Tall-case Clock; Settee; Trestle Table; Jelly Cupboard; Stretcher Base Table; NORTH LEBANON FOUNDRY PLATE STOVE; Hanging Corner Cupboards; Late Windsor Hoopback Chairs; Plank Bottom Chairs; Chippendale Side Chairs (Repro): Cradle; Benches; Spinning Wheel; Yarn Winder; Tape Loom Candlestands; Fainting Couch; Oak Chest of Drawers; Repro Chippendale Sofa; Upholstered Chairs; Nightstand; Paintings, Prints & Frames.

APPLIANCES

Refrigerator; Automatic Washer & Dryer; TV & VCR; Microwave; Upright Sweeper; Component Stereo; Kitchen Appliances; S.S. Kettles; Pyrexware & Refrigerator Dishes; Table & Floor Lights; Christmas Candles.

CHINA & GLASSWARE

Henry Ford American Heritage China; Historic Charleston (Service for 12); Marble & China Statues & Figurines; Blue Glasswgre; Pressed & Pattern Glassware; China Birds; Decorated Salt Box; Hanging Shelf; Spoon Rack; Reproduction Iron, Tinware, Brass & Pewter.

LINENS

Blankets & Spreads; Baskets.

TOOLS

Drill Press; 10" Table Saw; Band Saw; 16 HP Garden Tractor; Garden Cart, Roller; Spreader; Garden Tools; Belt Sander; Router; Bench Vise; Shop Vac; Lathe Chisels; Saw; Drills; Hand Tools; Augers; Bar Clamps;Extension Ladder; Step Ladders.

Antique Hardware; Lard Press; Wooden Forks & Rakes; Schintzelbank; Express Wagon; Cow Weathervane; Stove; LG. AMOUNT REDWARE ROOF TILES and Many Other Items To Be Sold!

No out-of-state checks unless accompanied by a current bank letter or prior arrangement with auction service.

Sale for:
ROBERT EGAN ESTATE
Bernville

HORST AUCTS.
AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 736-3080
Fax # (717) 736-2132
"VOICES OF EXPERIENCE

KLING'S CHRISTMAS DAIRY SALE

Tuesday, Dec. 22, 1992

- 11:00 A.M. Sharp

Selling At Kling's Sale Barn, Located 15 Miles North Of Carlisle, On Route 74, 2 Miles From Landisburg.

HALL-A-WAY COMPLETE DAIRY HERD DISPERSAL

70 REGISTERED HOLSTEINS

Selling 35 Mature cows - 8 Bred Heifers- 20 Open Heifers and Calves - Service Age Bull.

Rolling Herd Average 20,574 3.8 782 Fat. 3.2 Protein - BAA 104.

Selling 12 Very Goods - 3 at 88 pts., one as a 2 Yr. old.
17 Good Plus Young Cows - several milking over 100 lbs.

Certified and Accredited - Calfhood Vaccinated - Shipping Fever Vaccinated - Pregnancy Checked

Selling: 6 daughters of **Blackstar - 8 By Cleitus - 2 Leadman - 2 Chairman - 2 Vanguard.**

Others by **Bell - Ivanhoe Star - Rotate - Chief Mark - Cavalier - Warden - Inspiration - Enhancer - Mascot - Big Al - Polo**

Service Sires Include: **Blackstar - Mascot - Wister - Leadman - Will - Anthony - Redman**

Featured Animals Include:

A VG 88 Pt. **Coldsprings Opportunity** Daughter with 26,317 - 937 Fat - 800 Protein. Her Dam is 88 Pts. with 29,000 - Second Dam 92 Pt. **Conductor** with 34,000. Third Dam is 93 Pt. **Ivanhoe Star (Cody Cow of Coldsprjngs).** Sells with her **Blackstar** Heifer Calf and her **Levi Daughter bred to Blackstar.**

PEDIGREE - PRODUCTION TYPE

87 Pt. Enhancer with EX Mammary - 2 Yr. old record of 17,000 - 4.1 - 705 Fat. Selling just Fresh. **Dam Cavalier** with 20,000 of 4.2 - Second Dam **Triple Threat** with 17,000 of 4.2.

This Is a Fancy Young Cow

3 Super Good Red & Whites Sell - Sired by **Cavalier - Kingsroe Magnet - Needle Lane Juryman.**

Watch for this One:

V.G. 85 Pt. **Cavalier with Ex Mammary - Made 21,800 - 3.6 - 786 Fat - 3.2 Protein.** Due Sale time to **Red Man** - Outstanding Young Cow.

Others Worth Mentioning:

Walkway Chief Mark - made 26,000 as a 2 Yr. old - Dam over 30,000. Due in February to **Blackstar.**

V.G. Chairman with **EX Mammary** - 20,000 as 2 Yr. old; 25,000 as 3 Yr. old.

4 Yr. old 88 Pt. **Mark Anthony** Granddaughter - **EX Mammary** - Projected to make 19,000 - 900 Fat. Due in April.

Buy her now. She should go EX next time.

Plus a Super Group of Heifers and Calves sired by the Top Bulls of the Breed.

Owners:

WAYNE AND DIANE HALL

717-532-8500
11031 Morgan Dr.
Shippensburg, PA.

TURKEY OR GIFT FOR EVERY BUYER

IMMEDIATELY FOLLOWING HALL-A-WAY DISPERSAL

40 Fancy Registered and Grade Canadians for Art Kling - Mostly all Recently Fresh or Springing Close.

Sale Managed By:

Kling's Auctions, Inc.

R.D. 1, Box 66, Landisburg, Pa.
717-789-3883
PA License #500

AUCTION SERVICE KLING'S

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

WED MAR 24 - 9AM, Quilt & Craft Located At A&C Diffenbach Auction Inc., 100 West Jackson St, New Holland, Pa 17557. Alan Diffenbach Auct

SAT MAR 27 - 9AM, Real Estate, Antiques, House Goods Located 1806 Lampeter Rd, Lampeter, Pa Terms By, Mark & June Myer Kreider, Kline & Good, Aucts

Green Dragon Livestock Sales

Located 1 Mi. N. On North State St., Ephrata

Sale Every Friday

11:00 A.M. Beef

7:00 P.M. Small Animal Sale.

200-300 Stocker & Feeders Every Friday. Regular Shippers Of Northern Cattle.

WALTER H. RISSER,
Prop.
Home 717-838-4318
Office 717-733-2444

MAPOVAL FARMS INC. REGISTERED HOLSTEIN DISPERSAL

FRI. DEC. 18, 1992
AT 11:00 A.M.
ATHENS, PA

Located on Route 220, 8 mi. south of NYS Rt. 17 (use Exit 60); 1 mi. north of Milan, 4 mi. south of Athens.

180 HEAD REGISTERED HOLSTEINS SELL

85 Cows, 30 Bred Heifers, 30 Open Heifers, 36 Calves & Started Heifers.

DHIR Average on 82 head: 18,454 3.7 692 3.1 568

This herd is certified and accredited, all calfhood vaccinated, and will be tested for interstate shipment. The Mapoval Farms have been a historic part of the Holstein industry; breeding and developing one of the finest herds on the continent, and exporting over 200 head of cattle worldwide to over 10 foreign countries. This is certainly one of the top farmer-breeder herds in the nation. If you are looking for great cow families, and honest-to-goodness cows with longevity, type, and production, be at the Mapoval Sale on December 18.

The Macafee Family purchased the sire Chambric Happy Brett at the Chambric Dispersal as 2-month old calf and went on to develop this bull as one of the leading Holstein sires of his day, as well as the sire of an All-American in 1978. Daughters remain in the Mapoval Herd as well as females in service to Brett, to be offered for sale at the dispersal. This is a top herd of good-uddered well-grown and well-cared-for cattle, bred for production and type, and out of the top sires of the breed.

The herd features a Tab dau. milking as a 1st calf heifer and out of an EX-91 Glendell, 2nd dam VG Bootmaker; a 9-25-92 Flame from a Chairman dam, 2nd dam a Willow, both with over 100,000 and third dam an EX-90 contract cow with 254,000 life; a 2-28-92 Blackstar dam scored GP-81-2y with 20,000 3.9 3.1, 2nd dam EX Bootmaker w/191,000, 3rd dam a Glenafton Herdmaster. Sires represented include Blackstar, Sexation, Chief Mark, Triple Threat, Starbuck, Elevation, Bova, Ned Boy, Chairman, Tab, Astronaut, Tradition, Fantastic, Showboy, Bova Glow, Inspiration, Aries, Flame, Chambric Happy Brett, Camaro, Tesk, and more.

The herd is housed in a tiestall barn and milked in a parlor. Heifers are a superfancy group, raised on concrete flooring.

This Historic Farm for Sale at Private Treaty by contacting Owner.

JOHN MACAFEE, and Estate of ROBERT MACAFEE, Owner
Ph. 717-888-0332

PA Lic. #AU-000480-L

Wm KENT Inc. AUCTIONEERS R. E. BROKERS
STAFFORD, NY PH. 716 343-5449

Dairy and Livestock Sales

APRIL

THURS APR 1 - 10AM, Lamb Sale. Located At New Holland Sales Stables, Inc, New Holland, Pa

FRI APR 2 - 7PM, Horse Sale Located At New Holland Sales Stables, Inc., New Holland, Pa.

MON APR 5 - 6.30PM, Wholesale Furniture Located At A&C Diffenbach Auction Inc, 100 West Jackson St, New Holland, Pa 17557 Alan Diffenbach Auct

WED APR 7 - 6 30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc Nascar Items, And Misc Toys Located At A & C Diffenbach Auction Inc, 100 W Jackson St, New Holland, Pa 17557 Alan Diffenbach, Auct

THURS APR 8 - 10AM, Lamb Sale. Located At New Holland Sales Stables, Inc, New Holland, Pa

FRI APR 16 - 9AM, Farm Equipment & Supplies Located At A&C Diffenbach Auction Inc., 100 West Jackson St, New Holland, Pa 17557 Alan Diffenbach Auct

FRI APR 16 - 7PM, Feeder Cattle Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

PIGS

STATE GRADED SALE

FRI., DEC. 18

1:30 P.M.

AT

WESTMINSTER

LIVESTOCK AUCTION
Westminster, MD

Phone (301) 848-9820

DAY SALE

TUESDAY, DEC. 22
12:30 P.M.

CHRISTMAS SALE

20 head springers or fresh cows, 2, 3 and 4 year olds from one herd dispersal. Cows milking from 60 to 80 lbs.

1 load Canadian cows and heifers.

1 good stock bull ready for service.

More details next week.

Sale Managed By
SMOKETOWN QUALITY DAIRY SALES
Gordon & Helen Fritz
717-393-0930

ABSOLUTE PUBLIC AUCTION

WEDNESDAY, DECEMBER 16th, 1992 11:00 A.M.

M.B. Glick Supply Co. Has Purchased The Entire Content Of W.J. Kane Milling Co. And Will Sell At Absolute Public Auction At 4270 Adams Ave., Phila., Pa.

From N.J., Take Rt. 1 South Roosevelt Blvd. Turn Left On Adams Ave. From Pa, Take Roosevelt Blvd. North, Turn Right On Adams Ave., Follow To Auction App. 2 Miles After You Get Off Of Roosevelt Blvd.

SCHEER AUTOMATIC PANEL SAW, LIKE NEW
1408 HOLZHER EDGEBANDER, LIKE NEW
SCMI MB29 BORING MACHINE, LIKE NEW
RAMCO 37 IN. WIDE BELT SANDER, LIKE NEW
DHIEL #75 STRAIGHT LINE PIPE SAW
GRASS HINGE BORING MACHINE W/QUICK CHANGE HEADS
MARBEL PINCH ROLLER MDL. PR6

10 In. Powermatic Table Saw
2 Delta Milwaukee 12 In. Table Saws w/Bismeyer Fence
2 Baxter D. Whitney Shapers
Vonnequt 12 In. Moulder
Oliver 14 In. Disc Sander
10 In. Oscillating Spindle Sander
L Power 16 In. Jointer 19½ x85 Table
3 Radial Arm Saws
Gallmeyer Livingston Shaper
Dustek 6 Bag Dust Collector
Scmi Invincible R9 Router
Jenkins Double End Tenners
Lg. Lot Of Moulder Cutter Knives
30" Baxter D. Whitney Double Sided Planer w/Sectional Feed Rolls & Wedge Bed
2 Mortiser Machines
25 HP Like New Blower w/Lot Of Piping
Jones Superior 32 In. Band Saw
10 Spindle Root Boring Machine
Other Misc. Woodworking Machines
Misc. Hand Tools
Clamps
3 Roll Feeder
Misc. Paint Pots And Spray Guns, Etc., Etc.

FORKLIFTS AND TOOL ROOM SUPPLIES

Tow-Motor 6000 Lb. Propane Forklift
Yale 6000 Lb. Gas Forklift w/Pneumatic Tires
York Flinchback Profile Tool Grinder
Mattison #231 Centerless Profile Grinder
Toolline Grinder
Dayton Double End Bench Grinder

LUMBER

App. 15,000 Board Ft. Of Walnut And Mahogany Lumber In Short Lengths.

Terms To Be Announced At Sale
For Transportation From Lancaster Co. Or More Info.
Contact M.B. Glick 717-464-5460 717-464-5832

QUAKER CITY AUCTIONEERS
2660 MEMPHIS ST., PHILA., PA 426-5300
SINCE 1932 - License #AU-000696L

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI APR 23 - 7PM, Horse Sale Located At New Holland Sales Stables, Inc, New Holland, Pa.

TUES APR 27 - 10AM, Antique Tractors. Located At A&C Diffenbach Auction Inc., 100 West Jackson St, New Holland, Pa 17557 Alan Diffenbach Auct

MAY

SAT. MAY 1 - 10AM, Grade Heifer Sale Located At New Holland Sales Stables, Inc., New Holland, Pa

WED. MAY 5 - 6 30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc. Nascar Items, And Misc Toys Located At A & C Diffenbach Auction Inc, 100 W Jackson St, New Holland, Pa 17557 Alan Diffenbach, Auct

FRI MAY 7 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc, New Holland, Pa.

FRI. MAY 14 - 7PM, Feeder Cattle Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

SAT. MAY 29 - 10AM, PB Hfr Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

JUNE

WED JUN 2 - 6:30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc. Nascar Items, And Misc. Toys Located At A & C Diffenbach Auction Inc, 100 W Jackson St., New Holland, Pa 17557 Alan Diffenbach Auct

FRI JUN 4 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc, New Holland, Pa

JULY

FRI. JUL 2 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc, New Holland, Pa

AUGUST

FRI. AUG. 6 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa

SEPTEMBER

FRI. SEPT. 3 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT. SEPT. 25 - 10AM, Fall Hfr. Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

OCTOBER

FRI. OCT. 1 - 7PM, Feeder Cattle Sale Located At New Holland Sales Stables, Inc, New Holland, Pa.

FRI OCT. 8 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

WED. OCT 27 - 11AM-Sale. 9AM- Judging Dairy Show. Located At New Holland Sales Stables, Inc, New Holland, Pa.

NOVEMBER

FRI. NOV. 5 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

FRI. NOV. 26 - 7PM, Feeder Cattle Sale. Located At New Holland Sales Stables, Inc, New Holland, Pa.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

R. CARL PICKEL
Auctioneer & Appraiser
AU-003040-L
APT. 231
831 CLEARVIEW AVE.
EPHRATA, PA. 17522
717-733-6286

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle
MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

DAIRY SALE

WED. EVENING
DEC. 16TH
7:30 PM
FOUR STATES
LIVESTOCK SALES
Hagerstown, MD
Phone 301-733-8120

NEW HOLLAND SALES STABLES, INC.

New Holland, Pa.
Located 12 Miles East of Lancaster, just off Rt. 23

WEDNESDAY, DEC. 16, 1992
11:00 A.M. BRED HEIFERS, BULLS
12:00 NOON MILK COWS

SEVERAL GROUPS OF HEIFERS OPEN AND BRED

6 I.D. Grades from one Farm, 5-6 mos. old
(Special Feature) Consignor Roy Johncox (30 Head)

- 2 Starbuck sons from EX Dam with 25,181M. Avg. for 5 lactations 20,499M and 3.9T. These two bulls will be sold early in heifer sale.
- 3 yr. old Inspiration Dau. 305 dys. 17,914M 4.2T 3.7P.
- Inspiration Dau. Her Dam VG 22,822M 4.4T 3.5P. Gr Dam VG with over 24,000.
- Broundale Inspirer GP 2 yr. 18,473M 3.6T.
- Lonesfarm Revelation GP 3 yr. 23,458M 3.5T.
- Another Revelation GP 2 yr. 16,803M 3.47T.
- Kingstead Valiant Tab GP 2 yr. 17,109M 4.6T 3.6P.

Several other Grade cows with records to 21,000.

1 load of mostly fresh cows from Randy Dixon.

Loads of Fresh cows and springers from LeRoy Smucker, Marvin Eshleman, Dale Hostetter and Merl Brenaman.

(Notice To Consignors) Please have health charts or any other information along with animals on Tues. when they arrive at Sale Barn. Fresh dates, breeding information, health charts, milk weights, etc. Catalogues are made for buyer and seller.

NO SALE CHRISTMAS EVE. DEC. 24
OR NEW YEAR'S EVE. DEC. 31
SPECIAL BEEF SALES
SAT. DEC. 26 AND SAT. JAN. 2

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Located 8 Miles East Of Lisbon, Ohio Or One Mile West Of Rogers, Ohio On St. Rt. 154.
FRIDAYS
Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 6:30 P.M.
Doors Open At 7:30 A.M.
To Accept Consignments
Open Air Market All Day And Evening
Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

ATTENTION
NEW CONSIGNMENT
FARM MACHINERY DAYS
1ST WEDNESDAY
WEDNESDAYS
Farm Machinery Consignment Auction
The 1ST WEDNESDAY EVENING OF EACH REMAINING MONTH at 4 P.M. sharp.
We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simultaneously.

Hay And Straw Grain
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selling truck
load lots by the bale or ton starting at 1 P.M.
Barn Opens at 8 A.M. to Consign
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SPECIAL DRAFT HORSES & MULES
WELL MATCHED TEAMS
LOADS OF STANDARDBRED DRIVING HORSES
Also
RIDING & SLAUGHTER HORSES
SATURDAY, DECEMBER 19, 1992
10:00 A.M. Sharp
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DUE TO CHRISTMAS HOLIDAY

Keister's Middleburg Auction Sales, Inc. Rt. 555 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

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Owners,
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Terms: Cash Trucking Available Restaurant Open

MEL KOLB, INC.

SPECIAL CHRISTMAS SALE

200 QUALITY HOLSTEINS 200

THURSDAY, DECEMBER 17, 1992
AT 11:00 A.M.

LOCATION: At my Maryland farm located ½ mile Northwest of Woodsboro, Route 550 in Frederick County.

MILK - QUALITY - TYPE

200 of the finest cattle were selected for this special sale. Top Purebreds and grades from Canada, New England States, New York and Up-State PA. Purebred cows and heifers - some classified, many with outstanding pedigrees. Grades - large, well uddered cows and heifers with lots of dairy character. Cows milking to 100 lbs. Heifers 70-80 lbs. This is an extremely nice group of cattle. 1 Extra Special load from Up-State New York. 2 Loads of Fancy Fresh 1st. and 2nd. Grade heifers from Canada.

FOR EVERYONE THAT BUYS A COW!

Free Christmas Dinner Starting to Serve at 10:00 A.M.

SAMPLE OF SOME SELLING

* A fancy 'A BRIGEEN JUBILEE ET Dtr. due to RONNYBROOK PRELUDE
* A Red & White MCCALLUM DUPLICATOR ET-RED Dtr. due to FRONTIERSMAN RED ET.
* A LEKKER VALIANT ROYALTY Dtr. due to J Y GOULD TRENDY Dtr.
* A BRIDON ASTRO JET-ET Dtr. due to CHEROKEE ET.
* A BRIDON ASTRO JET Dtr. 2 yrs. 14,265 3.9 556 3.4 prt. due to HANOVERHILL MEGATRON.
* A CRESCENTMEAD BOOTS KASPER-ET Dtr. due to CA-LILL BELLTONE 2-00 305d 17,991 4.0 720.
* An A.J. STEADY ELEVATION Dtr. * JETHRO Dtr. due Dec. to PRELUDE.
* A JETHRO Dtr. due Dec. to PRELUDE.
* A FLEMINGDALE ROLAND E.T. Dtr. GP due Dec. to OLYMPIAN.
* A COUNSELOR Dtr. due Jan. to WAUREGAN M.B. VITO-ET, Dam GP.
* A BURKSHIRE VALLEY EXPERT S.S. CLYDE DUE Jan., Dam GP.
* A HILLTOP HANOVER S. PROGRESS selling fresh.
* A COUNSELOR Dtr. selling Fresh * A VALIANT TED Dtr. selling Fresh.
* A GP SKYHAWK Dtr. due Dec. to BENJAMIN.
* A VALIANT TED Dtr. due Dec. to LINCOLN.
* A FIVE BROOK SPIRIT GABRIEL Dtr., Dam 22,880 740 prt.
* 2 Nice Service Age Bulls: A KINGSTEAD VALIANT TAB Son, Dam 23,680 3.4 803.
* Several Good Heifer Calves.
* Many more not in this ad - full pedigrees will be in Sale Catalog.

DAIRYMEN: Come out Thursday morning and bring the family, A Special Christmas Dinner will be served starting at 10:00. Also a Free Turkey for everyone that buys a COW or CALF. An Extra special group of cattle for an extra special sale.

The KOLB Organization would like to thank everyone for their patronage throughout the past year and wish you the Merriest of Christmas's and a healthy and prosperous New Year!

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Please call: (717) 569-2106 Or 6800 before noon on Wed. Dec. 16, 1992

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Auctioneer: Robert Mullendore (AU 000644-L)

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Pedigrees: Henry Kettering

MERRY CHRISTMAS

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Specials...

24.5x32, 12 Ply Blems $770

12.5x16, 10 Ply $70.00

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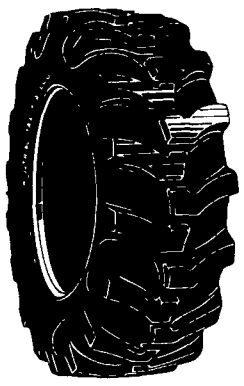


BACKHOE

★ TUBELESS ★

14 9x24, 8 Ply, Tubetype	$260.00
16 9x24, 8 Ply	$305.00
16 9x24, 10 Ply	$330.00
16 9x28 8 Ply	$340.00
17 5x24, 8 Ply	$300.00
17 5Lx24, 10 Ply	$335.00
18 4x24, 8 Ply	$410.00
18.4x24, 12 Ply	$530.00
19 5Lx24, 10 Ply	$470.00
19 5Lx24, 12 Ply	$540.00
21Lx24, 12 Ply	$650.00
21L 24, 10 Ply	$610.00

LOADER DOZER

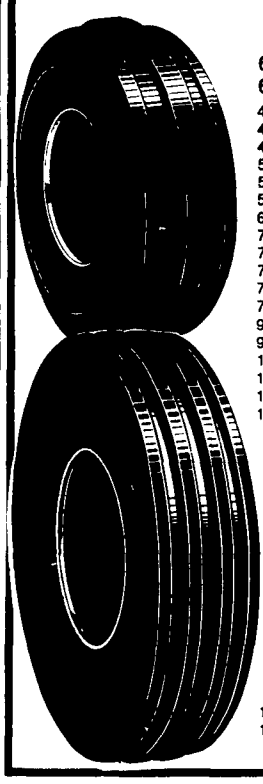
15 5x25, 12 Ply	$365.00
17 5Lx25, 12 Ply	$499.00
20 5x25, 12 Ply	$850.00
23 5x25, 12 Ply	$1,180.00
23 5x25, 16 Ply	$1,250.00

ARMSTRONG

GRADER

1300x24, 10 Ply	$295.00
1300x24, 12 Ply	$325.00
1400x24, 10 Ply	$340.00
1400x24, 12 Ply	$375.00
1300x24, 10 Ply Tubeless	$350.00
1400x24 12 Ply Tubeless	$440.00

FRONT TRACTOR - Shipped UPS No Charge



★ 3-RIB ★

600-16, 6 ply	$47.00
650-16, 6 ply	$51.00
400 12	$26.00
400-15	$28.00
400-19, 4 Ply	$36.00
500-15	$36.00
550-16, 4 Ply	$40.00
550-16, 6 Ply	$43.00
600-14, 6 Ply	$77.00
750L-15, 6 Ply	$57.00
750-16, 6 Ply	$63.00
750-16, 8 Ply	$68.00
750 18, 6 Ply	$76.00
750 20, 6 Ply	$86.00
9 5L-15, 6 Ply	$69.00
9 5L-15, 8 Ply	$76.00
10 00 16, 6 Ply	$89.00
11Lx15 8 Ply	$87.00
1100 16, 8 Ply	$108 00
14L 16 1 8 Ply	$215 00

★ 4-RIB ★

11L 15 8 Ply	$91.00
10 00 16, 6 Ply	$90.00
10 00-16 (TL), 8 Ply	$132.00
11 00-16, 6 Ply	$98.00
11 00-16 8 Ply	$105 00
11 00 16 (TL), 8 Ply	$140 00
14L-16 1 (TL), 6 Ply	$226.00
14L-16 1, 8 Ply	$213.00
16 5L-16 1 (TL), 8 Ply	$330.00

★ 5-RIB ★

1100x16 12 Ply Tubetype	$145 00
1100x16 12 Ply Tubeless	$150 00

Super Hi Traction Lug Radials

18.4R38 ★
NOW ONLY 535.00

20.8R38★
NOW ONLY $710.00

18 4R34 ★	$500.00
16R38 ★ ★	$500.00
20 8R34 ★	$785.00
20 8R38 ★ ★	$897.00
24 5R32, ★	$880.00
18.4R42, ★★	$890.00
20.8R42, ★★	$800.00

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RADIAL FRONT WHEEL ASSIST

16.9R26★★	$425
18.4R26★★	$570
14.9R28★★★	$445
16.9R28★★	$450
14.9R30★★★	$485
16.9R30★★	$525

CALL FOR QUOTE ON TRUCK TIRES!

ARMSTRONG

Hi Traction Lug

15.5x38, 6 Ply
$300.00

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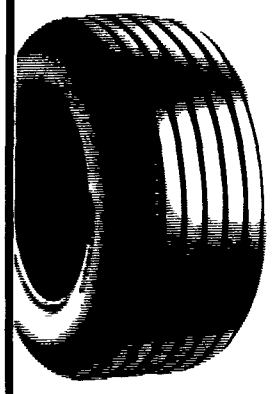
11.2x24, 4 Ply	$132.00
11 2x24, 6 Ply	$155.00
11.2x24, 8 Ply	$170.00
14 9x24, 4 Ply	$200.00
14 9x24, 6 Ply	$226.00
14 9x24, 8 Ply.	$270.00
16 9x24, 6 Ply	$260.00
16 9x24, 8 Ply.	$292.00
14 9x26, 6 Ply	$233.00
18 4x26, 6 Ply.	$329.00
18 4x26, 10 Ply	$400.00
23 1x26, 8 Ply	$675.00
11 2x28, 4 Ply	$160.00
12 4x28, 4 Ply	$180.00
13 6x28, 4 Ply	$192.00
13 6x28, 6 Ply	$220.00
14 9x28, 4 Ply	$210.00
14 9x28, 6 Ply	$225.00
14 9x28, 10 Ply	$370.00
16 9x28, 6 Ply	$270.00
16 9x28, 8 Ply	$310.00
16 9x28, 10 Ply	$352.00
16 9x30, 6 Ply	$300.00
18 4x28, 6 Ply	$390.00
18 4x30, 6 Ply	$355.00
23 1x30, 8 Ply	$790.00
24 5x32, 10 Ply	$920.00
16 9x34, 6 Ply	$340.00
18 4x34, 6 Ply	$360.00
18 4x34, 8 Ply	$425.00
20 8x34, 6 Ply	$620.00
20 8x34, 8 Ply	$680.00
23 1x26, 10 Ply	$705.00
23 1x34, 8 Ply	$870.00
11 2x38, 4 Ply	$191.00
12 4x38, 4 Ply	$230.00
13 6x38, 4 Ply	$230.00
13 6x38, 6 Ply	$263.00
14 9x38, 6 Ply	$300 00
15 5x38, 8 Ply	$340.00
16 9x38, 6 Ply	$370.00
16 9x38, 8 Ply	$400.00
18 4x38, 6 Ply	$430.00
18 4x38, 8 Ply	$460.00
20 8x38, 8 Ply	$660.00
20 8x38, 10 Ply	$780.00

WAGON TIRES



26 1200x12, 4 Ply	$55.00
8 51x14, 6 Ply	$51.00
9 5Lx14, 6 Ply	$53.00
9.5Lx14, 8 Ply	$55.00
9 5Lx15, 6 Ply	$48.00
9.5Lx15, 8 Ply.	$48.00
11Lx14, 6 Ply, Tubeless	$58.00
11Lx15, 8 Ply	$52.00
11Lx15, 10 Ply	$60.00
1000x15, 8 Ply.	$73.00
11Lx15, 8 Ply Tubeless.	$58.00
11Lx16, 8 Ply	$65.00
11Lx16, 10 Ply Tubeless	$88.00
12.5Lx15, 10 Ply	$72.00
12.5Lx16, 14 Ply	$98.00
12.5Lx15, 12 Ply	$110.00
14Lx16 1, 12 Ply.	$172.00
16.5Lx16 1, 10 Ply Tubeless	$192.00
25x7 50x15, 4 Ply Tubeless	$51.00
25x7 50x15, 6 Ply Tubeless	$58.00
27x9 50x15, 4 Ply Tubeless	$63.00
27x9 50x15, 6 Ply Tubeless	$74.00
27x9.50x15, 8 Ply Tubeless	$80.00
31x13.50x15, 6 Ply Tubeless	$116.00
31x13 50x15, 8 Ply Tubeless	$125.00

• WAGON TIRES SHIPPED UPS - NO CHARGE! •

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11Lx16, 10 Ply.	$95.00
11Lx15, 8 Ply.	$90.00
11Lx15, 10 Ply	$105.00
750 800x16, 10 Ply	$104.00
11Lx16, 12 Ply	$130.00
145 - 75 - 16.1, 10 Ply	$246.00

Small Rear Farm Tires

750x20, 4 Ply.	$79.00
750x24, 4 Ply	$87.00
8.3x24, 4 Ply.	$107.00
8.3x24, 6 Ply.	$113.00
9.5x24, 4 Ply.	$120.00
9 5x24, 6 Ply.	$128.00
11 2x34, 4 Ply.	$180.00
11.2x36, 4 Ply.	$183.00
12.4x24, 4 Ply.	$156.00
12 4x36, 4 Ply.	$240.00
13.9x36, 6 Ply.	$256.00

SKID LOADER TIRES

570x12, 4 Ply	$45.00
23 850x12, 4 Ply	$53.00
27 850x15, 4 Ply.	$57.00
27 850x15, 6 Ply	$62.00
27 1050x15, 6 Ply	$89.00
700x15, 6 Ply	$70.00
750x15, 6 Ply	$74.00
10-16 5, 6 Ply.	$80.00
12-16.5, 8 Ply Steel Shield	$125.00
10-16 5, 6 Ply.	$110.00
12-16.5, 8 Ply.	$180.00

Above Tires Shipped To You FREE

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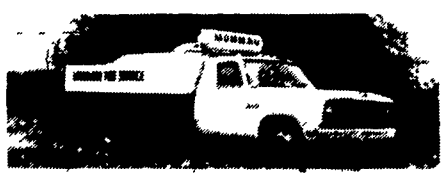

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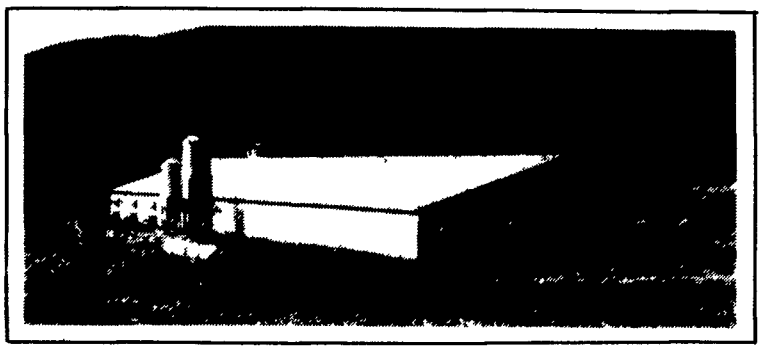
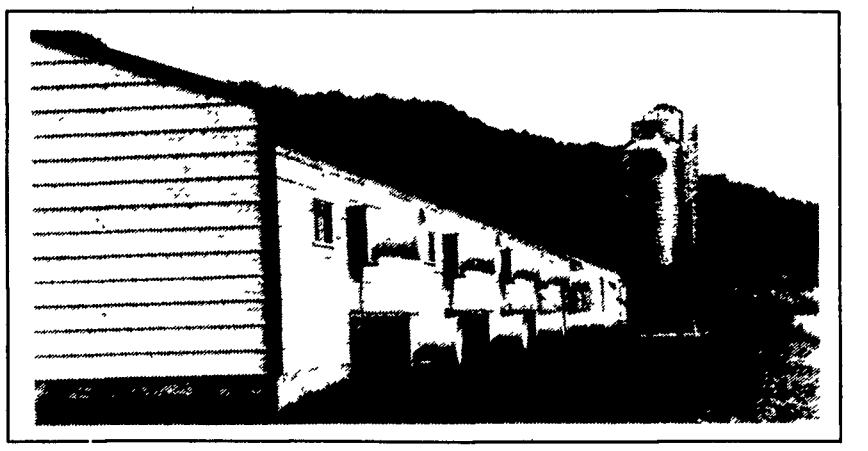
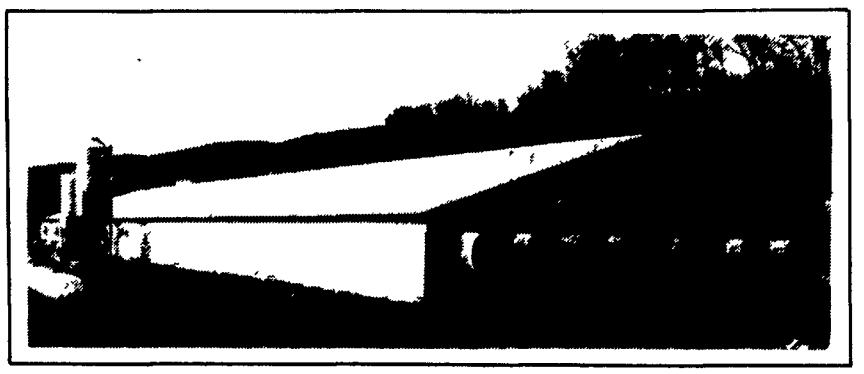
THANK YOU to RON WEAVER & FAMILY
For Choosing TRI-COUNTY To Build Your NEW 300 SOW FEEDER PIG UNIT



TRI-COUNTY Turnkey Building Package Featuring 5 Farrowing Rooms And 6 Nursery Rooms



GSI Bulk Bins And Flex-Flo Augers With Automatic Clear Plastic Drop Feeders In Breeding And Gestation

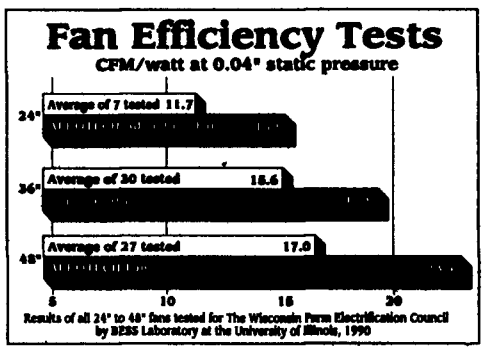


aerotech® Engineered Tunnel Ventilation System For Breeding And Gestation. NEW Fancom® FC-T For Optimum Environmental Control

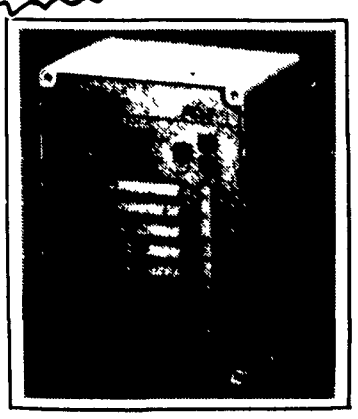
CONTRACTS ARE AVAILABLE

For 200-1200 Sow Feeder Pig Units... We Can Assist You In Financing, Cash Flow Projections And Contracts To Develop A Plan To Suit Your Needs

aerotech® Ventilation Systems


Fan Efficiency Tests
CFM/watt at 0.04" static pressure
24"
Average of 7 tested 11.7
36"
Average of 30 tested 15.6
48"
Average of 27 tested 17.0
5
10
15
20
Results of all 24" to 48" fans tested for The Wisconsin Farm Electrification Council by BESS Laboratory at the University of Illinois, 1990

NEW From The Ventilation Control Experts...



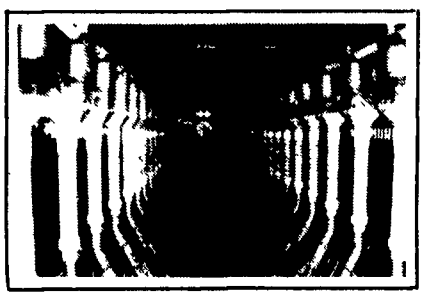
Fancom® FC-T Digital Climate Controller

Aerotech has introduced the Fancom FC-T control, which offers producers true digital control of all key ventilation functions without the cost, programming hassles, and inflexibility of other computer controls. All at a cost you can afford.

Let TRI-COUNTY Design A Ventilation Or Feed System For You!

GSI Auger Systems

- **Automatic Filling Of Feed Carts In Farrowing Rooms. No More Waiting For Carts To Fill.**



- **Clear Plastic Sow Drops For Increased Visability. New Easy Top Adjustment Now Available.**

- **Automatic Fill For Feeders In Nursery Rooms Drops Into Feeder's Telescope To Adjust Feed Level.**

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College of Agricultural Sciences
DAIRY & ANIMAL SCIENCE
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From Dairy and Animal Science at Penn State

YOUTH HORSE PROGRAMS

Pat M. Comerford
Extension Horse
Program Coordinator
Penn State

More than 6,000 Pennsylvania youth are actively involved in 4-H Club horse projects, designed to provide them with educational opportunities that develop life skills and promote horsemanship, sportsmanship, and responsible animal care.

Penn State's Departments of Dairy and Animal Science and Agricultural and Extension Education provide overall leadership to Pennsylvania's varied 4-H horse programs.

Pennsylvania's horse industry is a large, diverse, economically significant enterprise. Likewise, youth horse programs include a wide range of disciplines, projects, and activities.

Although horse shows and horsemanship projects represent the largest and most popular activities, the programs provide many other opportunities for youth, such as therapeutic riding, competitive programs to test knowledge about horses, judging contests, competitive trail riding, and even a "horseless" project.

• Learning About Horses is a "horseless" project designed to actively involve young people who do not or cannot own a horse. It includes many horse-related activities such as working with scale models of horses to learn management techniques, anatomy, and horse show operation. Participants may attend a horse event, visit a feed store or tack shop, or learn about horse safety. They might even enjoy a hands-on experience with horses during a farm visit.

• Therapeutic riding is another innovative and meaningful component of the 4-H programs. Not only do the horses provide physical, psychological, and social therapy for disabled individuals of all ages, but the project encourages interaction and understanding between 4-H youth and people with disabilities.

• Horse bowl and hippology competitions test knowledge in areas such as nutrition, reproduction, anatomy, physiology, breeds, tack, and equipment. Horse bowl contests are patterned after television's old College Bowl game. Teams compete against each other and the clock to test their knowledge of horses. In hippology (the study of the horse) competition, members advance from station to station to identify breeds, feeds, tack, or equipment, grade hay, and evaluate equine anatomy, among many other topics. They also take a written test and judge two classes of live animals.

• Horse judging contests are designed for young people who want to advance their judging and selection skills. Club members may also compete in public speaking and demonstration contests on equine topics — activities which develop speaking, presentation, and critical thinking skills. They may compete in local, regional, and state events. State winners are eligible to participate in the Eastern National 4-H Horse Roundup in Louisville, Ky., or the Solid Gold Horse Event in Springfield, Ill.

• Competitive trail riding is a relatively new, but increasingly popular 4-H horse project. Although it teaches many aspects of horse care, this project emphasizes conditioning the horse and rider for long-distance riding. Competitive trail rides are typically 25 to 28 miles in length and are ridden in four to five hours.

Pat M. Comerford

• Youth in the 4-H horse production project work with young horses to learn breeding, training, and management skills. Five area production shows are held annually in Pennsylvania. Members who qualify at these shows advance to the State 4-H Horse Show in Harrisburg. Pennsylvania's state show is one of the largest 4-H horse shows in the country, culminating a year of activities and competition for members in the horsemanship project. Participants must successfully compete at local, county, and district shows to qualify for the three-day state show. More than 700 4-H members competed in 40 classes at this year's state show.

With the state show recently completed and the 4-H project year drawing to a close, it is an appropriate time to reflect on our youth horse programs and the many comments and letters we have received regarding the state show. The success of our 4-H horse programs depends on the dedicated, cooperative efforts of thousands of youth, volunteers, club leaders, and parents, as well as county and state extension staff.

While our programs have many strengths, they sometimes are hindered by those who fail to understand the purpose and mission of 4-H programs. Our programs are not intended to be simply another circuit of horse shows and competitive events. Here, competition must be placed in the proper perspective. Competitive horse events can be rewarding educational experiences for our young people. But this happens only if young people are guided by adults who provide a responsible example of sportsmanship and horsemanship.

It is vital to the continued growth and success of Pennsylvania's wonderful 4-H horse program that everyone involved fully realize our goal — to allow the horse to serve as a stimulating means of directing and developing youth. When this occurs, everyone benefits.

Organic Conference, Annual Meeting Set

PENNINGTON, N.J. — The second Natural Organic Farmers Association of New Jersey (NOFA-NJ) annual winter conference will be held Saturday, January 30, at the Cook College Student Center in New Brunswick.

The theme of the all-day meeting is "Making Organic Agriculture Work for You.

Dr. Zane Helsel, director, Rutgers Cooperative Extension and Samuel Garrison, assistant secretary of agriculture, NJDA, will provide introductory remarks.

Dr. Vern Grubinger, extension specialist from Vermont, will give two talks on "Organic Soil Fertility Management" and "The Art and Science of Compost." New vegetable varieties, exotic and gourmet varieties, and the best of old favorites, will be discussed at a session featuring Rob Johnston, owner of Johnnies Selected Seeds, Albion, Maine. Rutgers Cooperative Extension Vegetable Specialist Dr. Steve Reiners and Atlantic County Extension Agent Rick Van Vranken will also talk.

A marketing session will include a growers panel discussion on community supported agriculture (CSA), establishment of a wholesale marketing co-op, and the future wholesale marketing opportunities in New Jersey. Jean Nick, Rodale Institute, will discuss organic raspberry production, and Joe Fiola, Rutgers extension specialist in small fruit, will discuss new techniques in strawberry production.

During a session on disease and insect control, Dr. Bill Metterhouse, former director of the Beneficial Insect Laboratory, New Jersey Department of Agriculture, will discuss the agricultural use of beneficial insects and Dr. Steve Johnstown, Rutgers extension specialist in pathology, will talk about factors leading to the onset of plant disease and the use of copper fungicides.

The conference is being cosponsored by NOFA-NJ, the Stony Brook-Millstone Watershed Association, the New Jersey Department of Agriculture, and Rutgers Cooperative Extension. The cost to non-members of NOFA-NJ is $30 and is $20 for members. Participants may join NOFA-NJ when registering. Additional discounts will be given for pre-registration($5), for certified growers($5), and for students and senior citizens($5). New Jersey Department of Agriculture and Rutgers University personnel are admitted free of charge.

For more information, call NOFA-NJ at (609) 737-6848.

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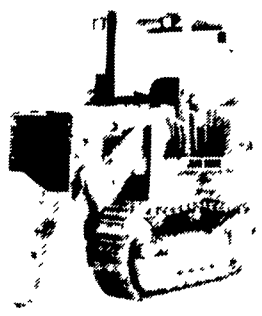

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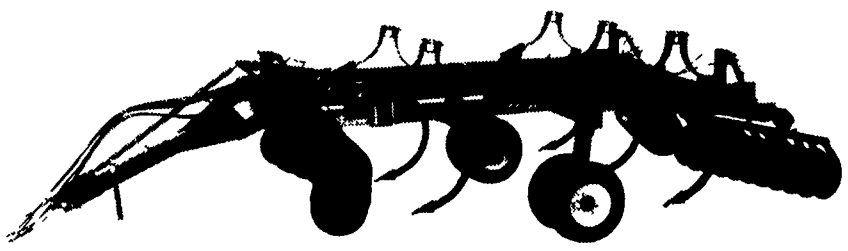

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On the average, five percent of all broilers and turkeys are lost because of skeletal deformities.

For many producers, this appears to be accepted as "facts of life," since cries of pain are not elicited until losses reach 10-20 percent.

In many instances, high incidences can be attributed to accidents in feeding or management. In other cases such as "field rickets," the condition disappears as quickly as it appears. During its presence, 50 percent of the birds could be lost or crippled for life.

In order to understand the stress on a chicken or turkey skeleton, try walking in a squatting position on your tiptoes for a day. Do you think your joints and tendons would be stressed?

Because of the unique posture for bird locomotion, it is more sensitive to a variety of factors which influence skeletal development. Since nutrition was the first factor to be recognized, most feeds are formulated to protect against nutritionally induced leg deformities.

Litter condition is an obvious factor affecting skeletal health. In some instances, bacterial or viral infections can greatly increase lameness and joint deformities.

Finally, genetic selection can be an effective means of altering the incidence of skeletal abnormalities. However, this has to be balanced by maintaining other selection criteria related to maintaining the bottom line, such as growth rate and meat yield. The moral of the story — pretty legs are OK as long as you have the other prerequisites for maximizing productivity.

Genetic selection is not the only area where conflicts arise. Exercise (in proper quantity) has been shown to have very beneficial effects upon skeletal metabolism in other species. However, increasing exercise in the poultry house will lead to significant increases in feed consumption, resulting in poorer feed conversion and increased costs of production.

We also need to keep abreast of developments with other species. For example, skeletal problems are becoming more prevalent in fast growing swine and horses.

For humans, there is a tremendous amount of research effort devoted to osteoporosis. People are living longer and are more likely to acquire this disease since it is associated with aging. NASA is also extremely interested in this research since astronauts experience significant bone loss during prolonged spaceflight.

On a recent space shuttle, rats received an experimental drug developed by Merck Pharmaceuticals for the purpose of reducing bone loss. This experiment was conducted in collaboration with the Center for Cell Research at Penn State University.

Other research at Penn State has utilized the laying hen as a model for studying bone loss since a four-pound laying hen metabolizes as much calcium in a day as a 150-pound adult human.

Degenerative arthritis is another human disease which has stimulated research on cartilage metabolism. This disease results in the destruction of the cartilage in joints and can be extremely painful as well as crippling.

Research at Penn State is focused upon studying cartilage metabolism in chickens and turkeys. The goal of this research is to gain a better understanding of the contribution of cartilage to leg deformities in poultry. These research findings may lead to a better understanding of how to maintain proper cartilage health and thus minimize the development of arthritis.

Losses due to skeletal deformities are a significant economic factor in poultry meat production. From an engineering standpoint, the stresses placed upon the skeletal system make some losses because of skeletal deformities a given.

However, research on skeletal metabolism can minimize these losses and generate information helpful in dealing with human diseases such as arthritis and osteoporosis.

Corn, Soybean Conference Sets Environment, Market Topics

COLLEGE PARK, MD. — Soil compaction and acidity, groundwater quality and safeguards...these topics constitute the morning program for the 1993 Delmarva Corn and Soybean Conference, the largest wintertime agricultural exposition on the Delmarva peninsula.

The 13th annual daylong educational event is scheduled Feb. 17 in the Wicomico Youth and Civic Center at Salisbury on Maryland's lower Eastern Shore. Sponsors include agribusiness organizations, along with the cooperative extension system at land-grant universities in Delaware, Maryland, and Virginia.

Rounding out the day's program will be presentations on "Managing Crops on Droughty Soil," "What Lies Ahead Environmentally?" and "Marketing Grain Out of Baltimore."

All relate to the conference theme, "Farming in Today's Environment," said Paul L. Gunther, agricultural science agent in Queen Anne's County for the Cooperative Extension Service, Maryland Institute for Agriculture and Natural Resources. Gunther heads the planning committee for this year's Delmarva Corn and Soybean Conference.

Activities at the Feb. 17 event will get under way at 8:30 a.m. with free coffee and fresh soybean doughnuts prepared by the Maryland Soybean Board.

Commercial exhibits and educational displays also will be open for visiting. Two Delmarva Corn and Soybean Conference scholarship awards will be presented prior to the noon break.

Individuals planning to attend the conference should purchase lunch tickets at $3 each by Feb. 10 in order to guarantee themselves a noon meal. Tickets are available from cooperative extension service offices throughout the Delmarva area. Admission is free for the program sessions.

The Wicomico Youth and Civic Center is located behind the Salisbury Mall, off U.S. Highway 50, in southeast Salisbury.

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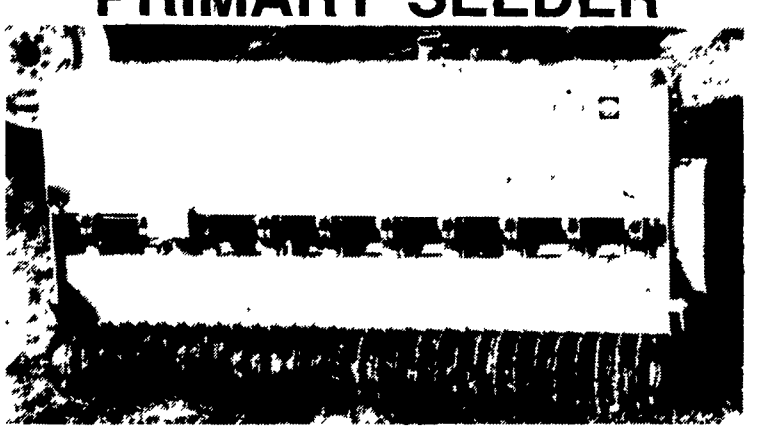

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Farmers Union Members To Provide Help

DENVER, Colo. — Farmer volunteers from the National Farmers Union (NFU) will be traveling in 1993 to Hungary and some of the new nations carved out of the former Soviet Union to help farmers there adjust to changes brought on by the fall of communist governments and the rise of market-based economies and democratic governments.

The NFU members will be providing their help under the auspices of two U.S. Agency for International Development (AID) farmer-to-farmer program grants in which the Farmers Union will take part.

The Farmers Union is the prime contractor with AID to run the Farmer-to-Farmer program grant in Hungary in cooperation with Iowa State University's Center for Agriculture and Rural Development (CARD) and Hungarian farm organizations and agricultural universities. NFU also is part of a consortium of groups, led by Winrock International, which will operate the Farmer-to-Farmer programs in countries which made up the former USSR. Others in the group are CARD and the National Farmers Organization.

Under the two programs, U.S. farmers will travel to the various countries to live and work for a period of time with their foreign counterparts on specific projects designed to help the foreign farmers and their farm organizations. The types of projects will vary considerably in scope but all are planned to enable farm producers to better adjust to market-oriented economic conditions and to develop viable farm organizations that can operate in a democratic government environment.

The Farmers Union currently is developing a data bank containing the names of farmers and persons with agriculture-related business skills who are interested in participating in the two Farmer-to-Farmer programs and who can offer their services for periods which may range from two to six weeks.

In the case of the Hungarian grant, for example, the Farmers Union will be sending two teams of 10 people to Hungary in the spring and early fall of 1993 to work for a period of about three weeks. The U.S. volunteers will participate with their Hungarian counterparts in a two-day workshop at a Hungarian University and then spend about 18 days working with their hosts at various sites in the Hungarian countryside.

Coordinating the two projects for the Farmers Union will be Bob Denman of NFU's Department of Education and Public Relations in Denver. Denman will handle recruiting activities for both the Hungarian and former USSR projects, developing the list of potential volunteers and their skills and helping to match those volunteers with the needs of the projects. He also will provide other assistance as needed in directing the projects.

Denman and NFU's Vice President for Education and Public Relations Clay Pederson recently traveled to Hungary to meet with Hungarian producer organizations and agriculture university officials to assess how best to implement the Hungarian project.

According to the Hungarians, agriculture in their country is going through a state of transition that is going to last several years as they privatise their agriculture economy. In the process, there is a great need on the part of new private farmers for help and advice on how to put together innovative credit and land lease arrangements and the development of decision making aids to help producers in making future plans for their farming operations.

At the same time, currently state-owned farmer cooperatives will be making the transition to privately-owned operations and farm organizations are being developed from the ground up.

As a result, the Farmers Union is looking for potential volunteers with a variety of experiences. It will be looking for individuals, who developed farm operations, starting with limited resources, people who helped establish and manage farm supply and marketing cooperatives or who have had other direct farm management or marketing experiences as well as skills in developing farm and community-based organizations.

In addition to seeking volunteers to work in Hungary, the Farmers Union will be seeking volunteers for the Winrock grant who may work in Russia, the Ukraine, Kazakhstan, Kyrgystan, Tajikistan, Turkmenistan, and Uzbekistan.

Volunteers will not be required to speak the language of the country in which they will work as translators will be provided. Volunteers do need to be in good health, have useful skills of the type described, and be available to serve for the specified periods of the project.

Persons interested in offering their skills should contact Denman in NFU's national headquarters. The address is National Farmers Union, 10065 East Harvard Avenue, Denver, CO 80251, (800) 347-1961 or (303) 337-5500.

Dairymen's Association Banquet Set

HARRISBURG (Dauphin Co.) — The annual meeting and banquet of the Pennsylvania Dairymen's Association will be held Monday, January 11, at the Harrisburg-Sheraton East at 6:30 p.m.

This year, the association will again honor a dairy farmer in the state by presenting the Charles E. Cowan Award. In addition, a special award will be presented to honor an individual in Penn State Cooperative Extension work.

The evening's speaker will be Donald L. Ace, who will present a "History of the Pennsylvania Dairymen's Association."

Tickets for the banquet are available by contacting Sue Beshore, Pennsylvania Dairmen's Association, 396 Old York Rd., New Cumberland, PA 17070, (717) 938-4876. Cost is $15.

Corn Growers Name New Manager

ST. LOUIS, Mo. — Robert "Bob" Mustall recently accepted the position of new uses program manager for the National Corn Growers Association (NCGA), according to NCGA Chief Executive Officer Jeff Gain.

"Mustell's extensive experience in corn processing will be invaluable to NCGA as we pursue development of new industrial products for corn," Gain said.

Mustell takes up his new responsibilities, including identifying commercialization opportunities for corn, identifying potential industry and foundation joint funding opportunities, and coordinating commercialization proposals for NCGA and state corn grower affiliates.

A 1966 graduate of the University of Illinois, Mustell's career includes stints with Froedtert Malt Corporation, Milwaukee, Wis., senior vice president; A.E. Staley Manufacturing Company, Decatur, Ill., director of business development and manufacturing; and Revere Sugar Corporation, Brooklyn, N.Y., refinery manager.

"This position exemplifies the kind of commitment and leadership the NCGA has in developing new markets for our abundant corn crop right here at home," Gain said.

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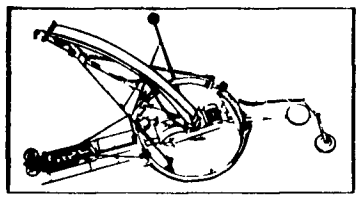

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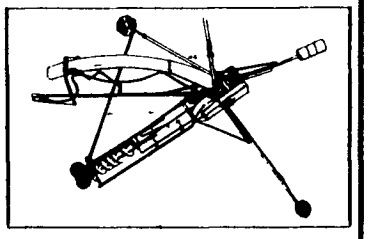

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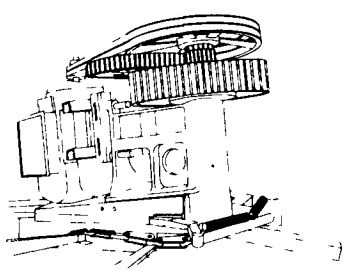

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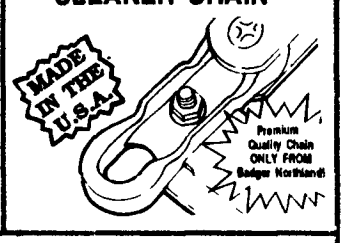

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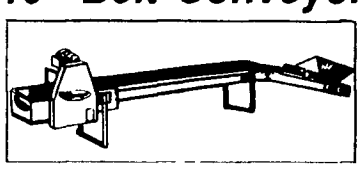

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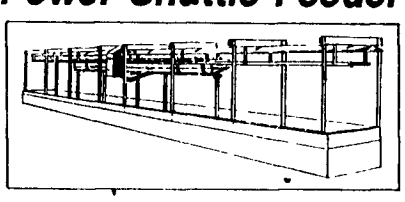

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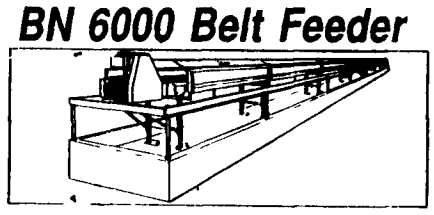

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Timber Harvesters Prepare For Future

UNIVERSITY PARK (Centre Co.) — Pennsylvania is one of three states participating in a U.S Department of Agriculture effort to develop extension education programs in ecology and silviculture for loggers.

Along with Tennessee and North Carolina, Pennsylvania received a USDA Cooperative Extension Service grant to develop materials for a national effort called Logger Education to Advance Professionalism, or LEAP.

"The ecology and silviculture training is designed to sensitize loggers to environmental issues, improve their communication with natural resource professionals, and bolster their professional image," said Dr. James Finley, assistant professor of forestry in Penn State's College of Agricultural Sciences, who is helping to design the materials.

Fifteen loggers from Pennsylvania's northern tier participated in a LEAP pilot workshop held this fall at the USDA Forest Service's Kane Experimental Forest. The workshop featured 16 hours of field training and classroom instruction in ecology, biodiversity and silviculture, the art of managing a forest ecosystem.

"After we evaluate the response of participants, we'll make any necessary changes to the workshop materials," Finley said. "The revised materials will be included in a certification program for Pennsylvania's 3,000 timber harvesters."

The voluntary logger certification program is sponsored by the Pennsylvania Timber Harvesting Council and supported by environmental groups such as the Western Pennsylvania Conservancy and the Nature Conservancy. Participants earned 3.2 logger training units for completing the ecology and silviculture workshop.

"This logger certification program is one of the nation's most intensive, and may be a model for the rest of the country," said Yuriy Bihun, project associate with the Pennsylvania Forest Stewardship Program, who helped organize the pilot workshop.

Future workshops will be held in central and north central Pennsylvania in February and March 1993.

The complete Pennsylvania timber harvester certification also includes 70 hours of training in safety, production, erosion, and sedimentation control, business management, and wetlands protection.

"Loggers who participate in the certification program will benefit professionally from the latest information about forest resources, and they may benefit financially from reduced workers' compensation insurance rates for certified loggers," Bihun said.

"The forests also will benefit as loggers develop a better understanding of how their actions affect the forest system."

The Pennsylvania Timber Harvesting Council is a consortium of interests including Penn State Cooperative Extension, the forest products industry, the state Bureau of Forestry, and the NORTIM Corporation, a risk-management insurance company based in Pittsburgh.

For more information, contact the Pennsylvania Forest Stewardship Program at (800) 235-WISE.

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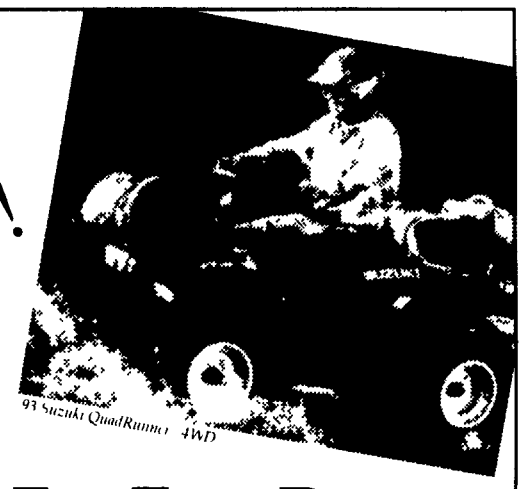

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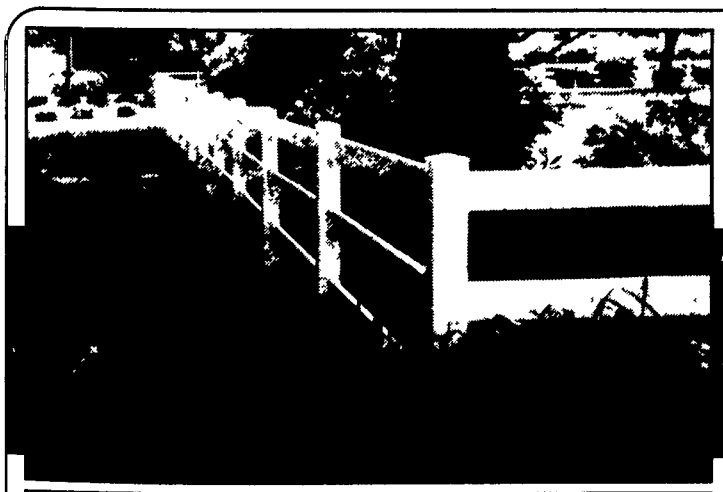

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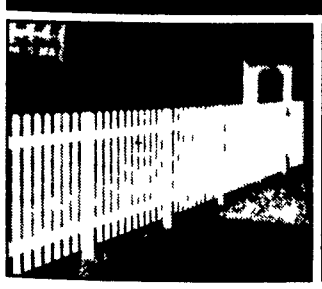

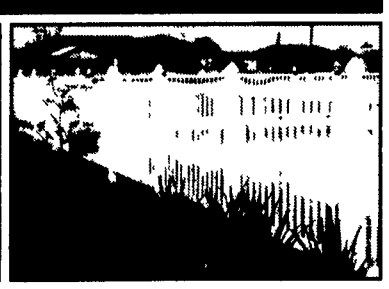

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Business News

The Bou-Matic Heat Seeker pedometer is attached to the cow's rear leg several days after calving for heat detection.

Bou-Matic Introduces Heat-Seeker™

MADISON, Wis. — Reproductive problems, such as undetected heats and untimely inseminations, can cost dairy operators $89 per cow per year for every cow in the herd.

Bou-Matic introduces the Bou-Matic Heat-Seeker, a reproductive management tool that monitors cow activity. Increasing cow activity is a sign of heat and the Heat-Seeker records and reports activity increases to help dairy operators detect heat and correctly time inseminations.

The Bou-Matic Heat-Seeker pedometer utilizes a miniature computer to monitor and record increased activity, indicating when cows come into heat. The pedometer is attached to the cow's rear leg several days after calving and when the cow is more active, the pedometer's light flashes, alerting the operator.

For more information on the Bou-Matic Heat-Seeker, contact your nearest Bou-Matic dealer or Brad Rodenberg, product manager, Bou-Matic, the Dairy Equipment Division of DEC International, P.O. Box 8050, Madison, WI 53708, (608) 222-3484.

Spreaders Have 1,000-2,500 Gallon Capacity

HAGERSTOWN, Md. — Knight Manufacturing Corporation is proud to introduce a new series of Knight Slinger spreaders.

The new 7700 Series are the 7710, 7712, 7716, and 7725 models with capacities from 1,000 to 2,500 gallons. The two larger models are also offered as truck mounted units.

The new Wide Mouths feature a 9-inch wider expeller opening yielding 30 percent more expeller capacity to help handle the toughest materials.

The 7700 Series feature 15 forged steel free-swinging hammers.

Other changes include constant velocity PTO shafts with slip-clutch, new nylon anti-seize hammer bushings, and a 25 percent heavier hammer shaft.

See the new Wide Mouths at your local Knight dealer.

Herbicide Available In Eco-Pak™

WAYNE, N.J. — For 1993, a new, advanced formulation of Scepter®70 DG herbicide will be sold in 5-acre water-soluble packages, eliminating all 2½ -gallon containers and all 2.1-pound plastic jugs of Scepter® herbicide.

The new package, called Eco-Pak™, is especially designed to:

- Eliminate pesticide container disposal problems.
- Provide premeasured quantities in an easy-to-use packet.
- Eliminate product exposure to users.

Dwight Cowan, American Cyanamid product manager for Scepter, sees some real advantages to the new Eco-Pak™.

"I'm excited about the leadership position Scepter has taken as the first soybean herbicide making a total conversion to this innovative packaging. Eco-Pak™ water soluble packets provide soybean farmers a practical solution to container disposal problems," said Cowan.

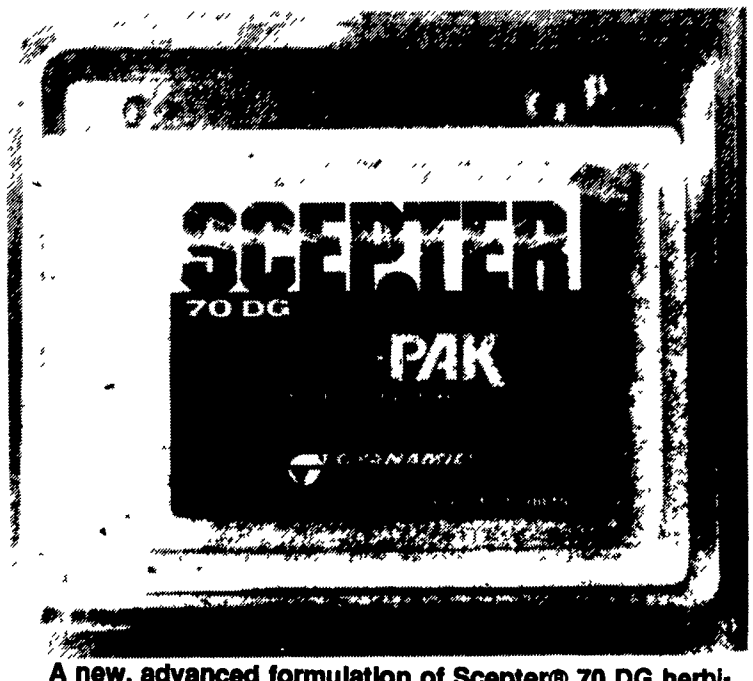
In 1992, growers in three states treated more than 25,000 acres of soybeans to evaluate the Scepter Eco-Pak™. The growers tested the storage, handling, mixing, and spraying characterisitics of the Eco-Pak™ and reported very postive results.

"Growers liked the fact that there were no pesticide containers to triple-rinse or dispose of. They reported that the small, water-soluble bags were simple and easy to use, and the premeasured package eliminated measuring problems," said Cowan.

The Eco-Pak™ will be sold in packages that contain two packets that treat five acres each at the standard 2.8-ounce rate.

These packets float in a water-filled tank and begin to dissolve in one or two minutes, releasing the new, advanced formulation of Scepter 70 DG. The improved granule formulation disperses in the water in less than 60 seconds. And the packets are made of inert ingredient that completely dissolves within minutes after being added to the tank, keeping spraying equipment clog-free.

"Technological advancements such as new dry-granule formulations and development of effective water-soluble packaging, provide strong benefits to farmers and dealers in terms of container disposal, product exposure, storage and convenience," said Cowan.



A new, advanced formulation of Scepter® 70 DG herbicide will be sold in 5-acre water-soluble packages, eliminating all 2½ -gallon containers and all 2.1-pound plastic jugs of Scepter® herbicide.

Plan Now For Best Use Of Residues

LEESPORT (Berks Co.) — Many farmers manage crop residues to reduce erosion, improve soil moisture retention, and reduce tillage costs, according to Rand McCormack, district conservationist for the Soil Conservation Service (SCS) in Berks County.

In addition to these benefits, they also comply with the conservation compliance provisions of the Farm Bills and remain eligible for farm program benefits.

Crop residue management requires sound planning to achieve the desired results, said Joel Myers, state agronomist for SCS in Harrisburg. The type of tillage equipment and sequence of tillage operations affect the amount of surface residue left at planting, he added.

Proper management of crop residue starts right after harvest, Myers said. "Planning for adequate spring residue cover starts in the fall with harvest," he said. "The percentage of residue after spring planting can be estimated now based on crop yields and the tillage system to be used."

You should calculate residue losses before you decide which tillage system to use. Include losses due to type of tillage, over-winter decomposition, and planting in your calculations. If you need help, contact you local SCS, conservation district, or cooperative extension office.

Here are tips for effective residue management:

- Spread residue evenly in the fall to ensure that soils are protected over the winter. Even distribution in the fall will make tillage easier and improve crop stands if you're using no-till.
- Use a combine equipped with a spreader to ensure easy and quick distribution of residues.
- Use a rotary hay fluffer to spread soybean stalks or small-grain straw if you don't have a spreader or combine.
- Use a chopper or shredder to evenly distribute coarse residues such as corn stalks.

In addition, Myers said the type of fall tillage used can affect the residue levels remaining after spring planting. If you plan to fill till, here are some facts you should know:

- Residues decompose faster when you fall till. Fall chiseling followed by spring disking may reduce residue levels from 80 percent after harvest to 15 percent after spring planting.
- If you chisel and use a field cultivator instead of a disk, you can lower residue loss significantly.
- Use a cover crop where residues have been removed or the level is lower than that called for in the conservation plan.

Myers said no-till planting is a guaranteed way to retain residues without worrying about tillage losses. With no-till, you sow seeds into crop residues from the previous year's harvest. Using no-till increases organic matter and improves soil tilth because residue amounts increase over time, Myers said.

Myers said a conference to be held this winter will help farmers to better understand and apply this conservation practice. Two expert speakers will discuss conservation tillage and crop residue management and their relationship to good soil quality at the Mid-Atlantic Conservation Tillage Conference at the Embers Inn in Carlisle on December 17. Contact the cooperative extension office at (215) 378-1327 for more information.

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Beef Briefs

by
John Comerford

Penn State Beef Specialist

CONTROL OF FOOTROT FOR CATTLE ON PASTURE

A recent research report from Kansas State University by Dr. Frank Brazle has indicated there was a distinct advantage for feeding additional levels of zinc to cattle on pasture to control footrot. In this study, the incidence of footrot for grazing steers was reduced by 55 percent.

Earlier work at Illinois State University with dairy cattle showed that including zinc methionine reduced hoof problems. The Kansas study was designed to test the effects of additional zinc methionine in the diet of grazing steers.

The steers were rotationally grazed for 93 days with free choice mineral mixes available at all times. The control group was given a conventional mineral mix containing dried molasses, trace minerals, lasalocid, salt, vitamin A, phosphate and limestone. The treatment group received a similar mix with the addition of 100 pounds of zinc methionine per ton. The trace mineral mix contained a small amount of zinc.

Keep in mind that trace minerals are just that — they do not usually contain enough minerals like zinc, selenium, or magnesium to meet the animal's daily requirement.

The treatment group averaged .08 pounds per day higher average daily gain with a reduction in footrot cases from 5.38 percent to 2.45 percent. The steers consumed an average of 5.4 grams of zinc methionine.

One of the reasons we often see an inconsistency in the incidence of footrot is because of the quantity and availability of zinc in pasture forages. Many times I have visited with beef producers who experience significant problems with footrot, while their neighbors have very little. The forage species, the soil type, pasture fertility, and general condition of the cattle can all contribute to this inconsistency.

A 700-pound steer has a daily zinc requirement of 286 milligrams. As Dr. Brazle pointed out, under their conditions the untreated steers were probably consuming less zinc than was needed, or the availability of the zinc was low, or both. The additional zinc in the mineral mix was enough to at least partially offset this deficiency.

The payoff was reducing footrot treatment in half and the additional 7 1/2 pounds of sale weight for each of the treated steers.

Feed Quality Alert

I hope you have heard by now that the feed value of the grain and silage made this fall has been very low in many cases.

Reports from the Penn State forage van have shown silage that would normally be 8 percent crude protein may be as low as 4 percent, and corn grain that is usually about 10 percent may be as low as 6-7 percent. Fiber values have also varied widely.

The delay in harvest has resulted in much of this feed being stored at moisture levels that are abnormally high. Rental of oxygen-limiting silos, grinding of wet corn and storage in plastic bags, grain drying, and impatient storage of wet grain in conventional storage sites are some of the things that are happening.

Most will work, some will result in feed spoilage. One factor for feeding this material is to remember that it is wetter than normal, and it will takes more pounds of the material to get similar performance through cattle.

The concept of dry matter is one many of the university students wrestle with. Corn that is normally stored at 10 percent moisture, but is now stored at 20 percent moisture, has 400 pounds of water in it per ton.

A daily ration of 20 pounds of the wetter corn will result in feeding about 1.4 pounds of crude protein and about 14 pounds of TDN. The same weight of the drier corn will contain 1.6 pounds of crude protein and 16 pounds of TDN.

This difference in feed value could cut gains by about 25 percent if an adjustment is not made in feeding. The same result would occur if adjustments in feeding for moisture content were made, but the corn being fed was lower in protein and energy value than the "usual" content.

The upshot of this is to have a lab analysis of all grain and silage this year. Contact your local extension office for a PenPages listing of the labs that perform this service, or contact your feed salesman to assist you in getting this analysis.

Corn left standing in the field may also have a mycotoxin problem. Some reports have come in that there is some aflatoxin in some of the corn. If you think this may be the case with your feed, have a test done.

This feed can be fed to feedlot animals as long as it is mixed with some good grain. Do not feed moldy feed to any breeding animals, even if they are not bred.

Sprouted grain can be fed to beef cattle in most cases with no harmful effects. However, the conditions for mold growth are high in sprouted grain, so it would be a good idea to confine feeding it to feedlot animals. The energy value will be about 3-5 percent lower in sprouted grain.

Sounds like we're going to have a fun winter, don't you think?

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Northeastern Sustainable Ag Advocates Meet

WILLIAMSBURG, Mass. — How can a declining agriculture in the Northeast be revitalized and a more sustainable system of food production and distribution be established that is ecologically sound, economically profitable for farmers, and makes affordable, safe food accessible to everyone?

About 85 farmers, environmentalists, hunger, and safe food activists and representatives of federal and state agencies and univerisities considered this question at a Western Massachusetts conference November 14-15.

The newly-formed Northeast Sustainable Agriculture Working Group (NESAWG) convened the working seminar to chart the course for future activities in prompting sustainable agriculture in the region that includes the New England states, New York, Pennsylvania, and New Jersey. The network consists of sustainable and family farm, environmental, and safe food/consumer advocacy organizations from throughout the Northeast. Representatives of several land grant univerisities and state agriculture agencies have been actively supporting the effort as well.

Pennsylvania Association for Sustainable Agriculture (PASA) Pennsylvania Farmers Union, and Rodale Institute have been instrumental in helping to organize the broad-based network. Tim Bowser, director of PASA, spoke at one of the conference workshops.

"As farmers, we know how important it is to farm sustainably," he said. We need to protect the soil and water resources as well as the economic stability of the farmer. We also need to bring farmers, consumers, and environmentalists together to work for the common goal of a sustainable food system that will take us into the future."

During the two-day conference, a regional sustainable food system was offered as an alternative to the existing system that is currently dominated by large agribusiness and has caused the loss of family farms and decline of rural economies, as well as pollution and depletion of topsoil and water by excessive use of agricultural chemicals. Chemical-intensive agricultural practices have also led to increasing consumer concern about the possible harmful affects of pesticide residues in food. In addition to Bowser, who serves as co-chair of the NESAWG Policy and Farm Bill Committee, Pennsylvania was represented by Rochelle Kelvin of the Rodale Institute. Kelvin serves on the NESAWG Marketing Committee.

Gregory Watson, Massachusetts Commissioner of Food and Agriculture, advocated a holistic approach as he addressed the conference. He suggested incorporating traditional and innovative techniques that, besides being ecologically sound and economically viable, would foster a sense of community and empowerment of both farmers and consumers.

"There is no single formula, no magic bullet," said Watson. "The key is diversity at all levels in the system." He described some sustainable strategies used to revitalize his state's agricultural economy, including programs to preserve exisiting farmlands and to help farmers with new marketing methods.

The keynote speaker, Mark Ritchie, director of the Institute for Agriculture and Trade Policy in Minneapolis, Minn., asserted that U.S. farm policies have encouraged resource-depleting agriculture by rewarding chemical and capital intensive agribusiness and penalizing small and mid-sized family farms and farmers that would like to switch to sustainable practices.

Ritchie said, "We need policies that offer incentives as well as prohibitions, based on respect for the land, people and other animals, present and future, and that are decided through democratic processes." He advocated policies that would promote more stability between supply and demand, balancing the need for adequate food reserves for times of crisis and the need to control overproduction. These policies should provide fair prices to farmers and incentives to farm smaller parcels of land which are more efficient and can be farmed more sustainably.

Ritchie cautioned that the North American Free Trade Agreement (NAFTA) and the pending General Agreement on Tariffs and Trade (GATT) would preempt or undermine U.S. policies and state laws that now protect farmers, consumers, and the environment.

The diverse group wrestled with creating a vision of a sustainable food system and discussed how federal farm and trade policies and research at land grant univerisities could promote such a system. Another major topic of discussion was alternative marketing systems which would encourage more food self-sufficiency in the region and would provide fair prices to farmers for food grown in a sustainable manner.

Alfalfa Offers Maximum Feed Value

LANDISVILLE (Lancaster Co.) — Hoffman Seeds, Inc. has introduced Attainer™ alfalfa, a leafier variety offering dairy farmers greater feed value than conventional alfalfa varieties.

Attainer features excellent stem quality and higher leaf-to-stem ratios for bigger yields. In 1992 field trials, it produced more than 16,200 pounds of milk/acre. Milk/acre is calculated using forage analysis and a conversion factor developed by the University of Wisconsin. It assumes one forage is fed to dairy cows producing 70 pounds of milk a day.

An early maturity variety, Attainer also affords an expanded time period for harvest to help maintain relative feed value, even under adverse hay-making conditions. It is recommended for high management farm operations where high quality hay or haylage is desired.

Attainer is highly resistant to all major alfalfa diseases, including bacterial wilt, anthracnose, phytophthora, verticillium wilt, and fusarium.

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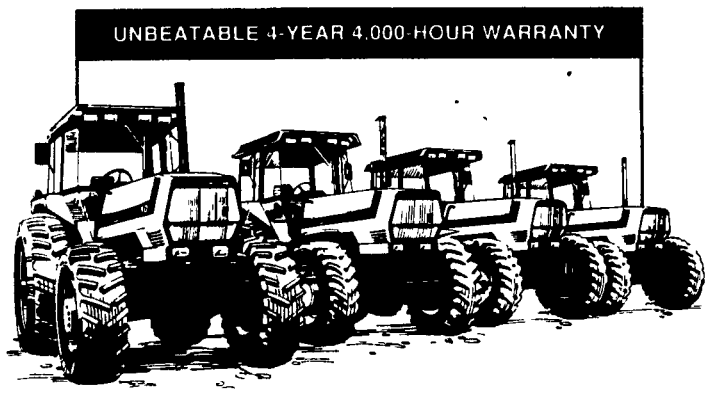

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ProGenetics Opens Artifical Insemination Center

ELIZABETHTOWN (Lancaster Co.) — Keeping pace with today's rapid increase in technology, the ProGenetics branch of White Oak Mills has opened an artificial insemination (AI) center in northern Franklin County. This 22-head boar center will play a significant role in the development and performance of their top quality breeding stock.

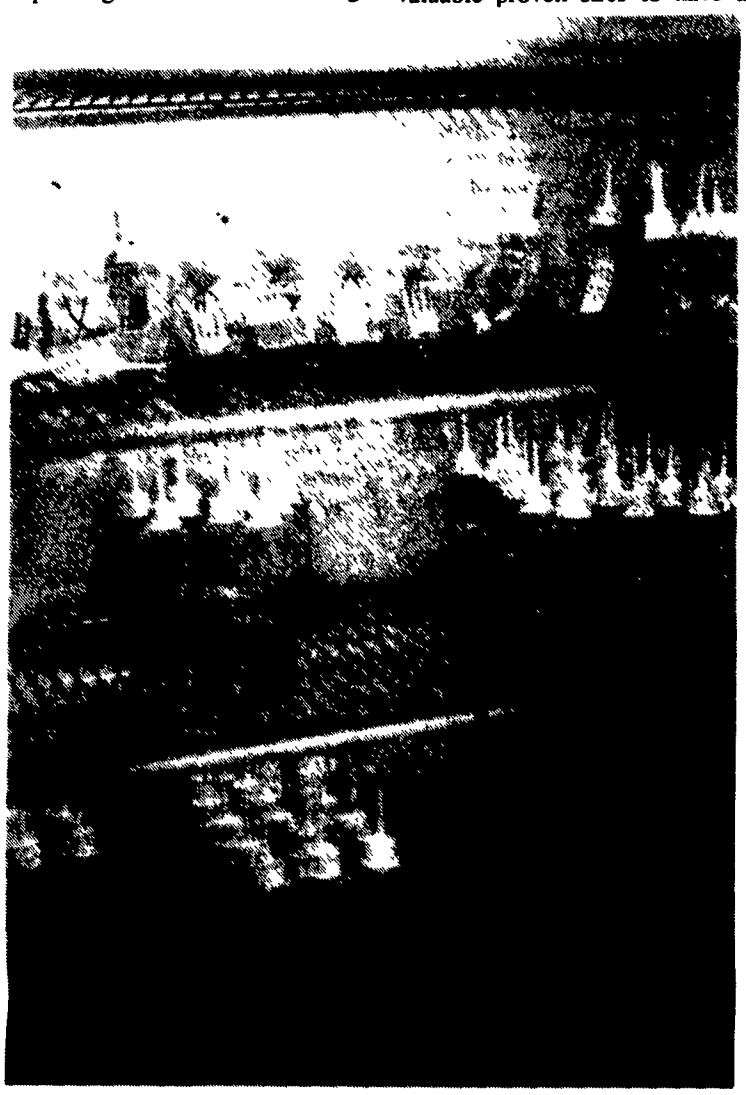
Artificial insemination serves as a notable tool for introducing superior genetics into an existing herd with minimal disease risk.

"By utilizing just the semen, we won't risk bringing a diseased boar into the herd," said veterinarian Peggy Hawkins. The boar center will provide ProGenetics with a better avenue for introducing European and Canadian genetics without jeopardizing the health of the nucleus herd.

According to Dr. Mike Miller, geneticist and vice president of White Oak Mills, AI will allow valuable proven sires to have a greater impact. "We can collect semen from a boar in one central location and spread his superior genetics to numerous farm locations so more sows per board can be bred," he said. With AI, a board can sire 1,600 to 2,000 litters annually, rather than the 60 to 100 litters obtained by natural service.

"On the average, for every one natural boar service, AI can achieve 16 services," said Hawkins.

ProGenetics breeding scheme maintains 200 boars representing four primary lines. "If we maximize AI use at each crossing farm and multiplier farm, we will be capable of handling the job utilizing only ten boars," said Miller. Consequently, genetic progress can occur more rapidly, and ProGenetics' gilts and boars will have better uniformity and quality than ever before.



Sperm samples ready for distribution are stored in an incubator/refrigerator to maintain a temperature of exactly 65° F.

Cindy Frey adds Modena Extender (nutrients) to the semen.

Veterinarian Peggy Hawkins prepares a semen sample to determine sperm concentration.

Although Western European swine producers are choosing AI in favor of natural mating, the United States has been slow to adopt the process as a standard management practice.

"There is a lot of myth surrounding artificial insemination," said Hawkins. "Some people believe it's difficult to get sows pregnant and that smaller litters are produced." However, success rates achieve 90 percent where AI is standard practice. In particular, the reliability of the technique and the advantage of using "elite sires" has led to improved production figures in the Netherlands, Germany, France, and Denmark.

With packers willing to pay more for lean hogs, U.S. swine producers are becoming more genetics conscious.

"With the use of AI, we are able to send a more uniform and leaner hog to market," said Miller. Because of the increase in competition among producers, AI is also beginning to occur at the commercial level.

White Oak Mills is incorporating a complete AI program in their new 1,200-sow commercial farm in Doylesburg. Fresh semen will be collected and delivered every Monday and Thursday afternoon for the weekly matings.

Rather than the usual 60 boars, this unit will be serviced with only three AI terminal sires.

"Even though there are misconceptions about the AI process, it is very easy to collect semen and extend it into a viable dose," said Hawkins. "The most difficult part of the process is determining when the sow/gilt is in heat, but the producer with a keen eye and a good hog sense can make AI a prominent part of his/her breeding program."

According to Miller, there are tremendous benefits available to commercial producers who incorporate AI into their units. In most cases, management practice becomes much easier.

For example, when sows are batch weaned on Thursday, breeding goes much quicker with AI than with the actual boars on

(Turn to Page C11)

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Silage Production Conference Set

ITHACA, N.Y. — Silage production is a central component of animal agriculture in temperature climates. Silage Production from Seed to Animal, a conference to be held in Syracuse, N.Y. on February 23-25, will focus on this important agricultural issue.

Thirty prominent agricultural scientists from around the country will discuss all aspects of silage production and utilization, from variety selection to troubleshooting silage nutrition problems. Speakers include agronomists, agricultural engineers, farm advisors, industry representatives, animal scientists, dairy nutritionists, extension agents, agricultural economists, and others. A keynote address will be delivered by Marshall McCullough, professor emeritus, University of Georgia.

The conference will provide practical guidelines for producers and promote an integrated systems approach to silage production. The session topics are forage in the field; preserving silage; silage additives; choosing a silo; feeding silage; troubleshooting silage nutrition problems; and managing human, environmental, and economic factors. Two evening discussion sessions will focus on the importance of variety and management and nutririon considerations.

The intended audience includes livestock farmers, dairy farmers, forage producers, farm advisers, industry representatives, veterinarians, plant breeders, and university specialists. The conference structure will encourage interaction between participants and speakers through discussion periods after every few presentations as well as through evening discussion sessions.

The conference content was developed by a committee that included Janet Fallon, crop specialists, Agway, Inc.; Jim Barney, western New York dairy farmer; and Tom Kilcer, Cornell Cooperative Extension agent. Cornell professors Ron Pitt, agricultural engineer; Alice Pell, animal scientists; and Shaw Reed, agronomist, also provided leadership in creating the conference program.

The conference is sponsored by the Northeast Regional Agricultural Engineering Service in conjunction with the American Society of Agricultural Engineers, American Dairy Science Association, American Society of Agronomy, the Crop Science Society of America, and the Soil Science Society of America.

The registration fee is $130 if received before February 5. Late or walk-in registration is $145. The fee includes admission to the conference and evening discussion sessions, a buffet lunch on February 24, break refreshments, a copy of the conference proceedings, and a pass to the New York State Farm Equipment Show, to be held February 25-27 on the New York State Fairgrounds.

The conference will be held at the Sheraton Inn Syracuse, 7th North Street and Electronics Parkway, Liverpool, N.Y.

For a brochure listing the presentation titles and speakers, contact NRAES, 152 Riley-Robb Hall, Cooperative Extension, Ithaca, NY 14853, (607) 255-7654.

ABS Purchases High-Selling Bull

DEFOREST, Wis. — American Breeders Service, together with the Benchmark Syndicate, recently purchased Forest Glen Benchmark at the 1992 All American Jersey Sale in Louisville, Ky.

Benchmark was bred by Stanley and Dora Bansen of Dayton, Ore., and sold for $48,000.

Benchmark is a February 1992 son of the number one PTI Jersey sire, 29 J2875 Highland Duncan Lester. Benchmark's dam, Forest Glen Sooner Gemini, is an Excellent-90% daughter of Sooner. This outstanding cow ranks 19th on the July 1992 PTI list.

"We are really excited to add this outstanding young Jersey bull to our elite lineup," said Tim Abbott, ABS regional sire analyst. "Benchmark held the highest parent average for protein in the entire sale, and is out of one of the highest production cow families in the breed. 29 J2875 Lester is the perfect cross on this outstanding Sooner daughter. Benchmark should sire good udders with tremendous will to milk."

With the help of the Winsor Syndicate, ABS also purchased Highland Lester Winsor, a yearling son of 29 J2875 Lester from Highland Sooner D Wendy. Winsor was consigned by Highland Farms of Cornish, Maine.

Benchmark and Winsor will join the many dairy bulls being tested through the ABS progeny test (PT) program. Their semen will be distributed within contracted PT herds across the U.S.

After a four-year wait, their progeny will be evaluated and a decision made as to whether or not each bull qualifies to join the elite lineup of ABS proven sires.

Producers interested in semen from Winsor or Benchmark should contact their local ABS representative.

Northeastern Farm Credit Reports Profitable Quarter

LEWISBURG (Union Co.) — A profitable third quarter was recorded by the Northeastern Farm Credit, ACA with earnings totaling $409,000, bringing year-to-date earnings to $1.5 million up from $1.360 million a year ago, according to Robert T. Reich, president of Northeastern Farm Credit, ACA, Lewisburg.

Year-to-date net interest income was $3.7 million, and increase of $0.6 million or 19 percent over last year.

The association president also noted an increase of $10 million in loan volume, or 5.8 percent above December 31, 1991 load levels. The increase was attributed to continued growth in the financing of farms and rural home properties.

The third quarter provision for loan losses of $61,000 was $15,000 lower than for the same period in 1991. This decrease represents slight improvement in credit quality as milk prices are slowly rebounding and rainfall has been more abundant for a better crop season.

"We are encouraged by USDA's most recent Situation and Outlook Report which notes that net farm income is expected to increase slightly next year for dairy producers and broiler growers, two very important agricultural enterprises in our area," said Reich.

ProGenetics Opens

(Continued from Page C10)

Tuesday morning. In addition, boar size problems are easily overcome making gilt breeding less stressful. "AI also improves upon libido and semen viability problems associated with hot summer weather," said Miller.

Artificial insemination has a place in many commercial swine operations. If you have an interest in AI and would like to learn more about the process, White Oak Mills will be offering several training sessions. Each session will include a brief lecture, hands-on experience, and a tour of the AI boar center as well as the 1,200-sow commercial farm where AI is being utilized.

For more information, contact White Oak Mills at (717) 367-1525 or (800) 468-5524.

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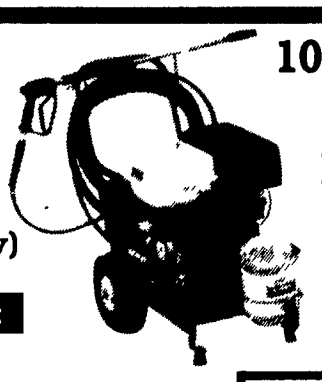

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Tractors Use New Refrigerant

MOLINE, Ill. — The air conditioning system in John Deere 6000 and 7000 Series tractors uses a new, environmentally friendly R134a refrigerant instead of R12. John Deere believes it is the first off-highway manufacturer to switch to R134a.

R12, commonly used in air conditioning systems, is thought to be a major factor in the reduction of the ozone layer and a minor contributor to global warming. When the chlorine atoms in R12's molecular structure get into the stratosphere, they act as a catalyst in converting ozone to oxygen.

R134a does not have any chlorine atoms in its molecular structure, which makes the refrigerant more environmentally friendly than R12.

Though more friendly to the environment, R134a is less efficient as a heat-transfer medium. To compensate for this, John Deere has increased the capacity of the condenser to give more cooling capability. In addition, the company uses seals and rubber hose with a thermoplastic liner that are designed and fully tested for R1341 systems.

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A Newsletter For Pennsylvania DHIA Members

December 12, 1992 Vol. 7 No. 2 Lancaster Farming, Pages C12-14.

Association Ends Fiscal Year With Positive Margin

Last September the 1992 fiscal year ended with a positive margin of $50,000. That was considerably better than the budget projection of a loss for the year of $152,000. Credit must go to the associations' staff for an exceptional job of cost control last year that provided this positive accomplishment.

Last July the association adopted a budget for Fiscal Year 1993 which began on October 1. That budget provided for no rate increase for the year, which is the third year in a row with no rate changes. The 1993 budget had a projected deficit of just under $118,000 which was to be covered by cash reserves.

Since then there have been several important developments that affect PA DHIA's fiscal situation. The primary one was the decision of Lancaster County DHIA to purchase lab and data processing services elsewhere. This decision translates to a loss of about 12% of the association's annual income.

Adjustments have been made to operations to cope with this change. Five staff members have been laid off permanently and other reductions in spending are being implemented to balace the lost income. These changes should leave the association with an adequate cash reserve at the end of 1993 without any rate increase during the year.

Assuming business volume stays the same, a rate increase will be needed, however, during the next fiscal year unless other ways to reduce expenses, or increase revenue can be found. One important opportunity may lie with the decisions coming up next March at the National DHIA convention. If a bylaws change for National DHIA permits the market to become competitive, we may have a chance to develop more business for the association.

In spite of the uncertainties, however, the association continues to be committed to improving services for members through unbundled reports and pricing, and through electronic computing capability on the farm on test day. These two capabilities add great flexibility and choices for our members that many people want. We hope you will continue to support us as we implement these changes and tackle the challenges of tomorrow.

SCHEDULE OF EVENTS FOR PA DHIA

Dec 15 DRPC Advisory Committee Meeting
Dec 17 Armstrong County Annual Banquet
Dec 18 Indiana County Annual Banquet
Dec 25 Service Center Closed - Christmas Holiday
Dec 29 - 30 Perry County Workshops
1993
Jan 1 PA DHIA Service Center Closed
Jan 4 Bedford County Committee Meeting 8:00 PM
Jan 5 Mercer County Annual Banquet 12:00 PM
Jan 5 Perry County Workshop
Jan 6 - 7 PA DHIA State Board of Directors
Jan 18 Crawford County Annual Banquet
Jan 18 Westmorland County Annual Banquet/Workshop 10:00AM
Jan 26 Central District, Family House, Mifflintown 9:30 AM - 3:00 PM
Jan 27 Schuykill County Information Meeting/ Workshop 10:00 AM
Jan 27 Schuykill County Annual Banquet 12:00 PM
Feb 8 Southeast District, Berks Co. Ag Center, Leesport 9:30AM - 3:00PM
Feb 10 Southwest District, Ramada Inn, Somerset 9:30AM - 3:00PM
Feb 11 Northwest District, Venango Co. 4-H, Franklin 9:30AM - 3:00PM
Feb 12 Northeast District, Towanda Elks Club, Towanda 9:30AM - 3:00PM
Mar 19 - 20 1993 Annual Meeting, Radisson Hotel, Monroeville, PA
(* All members are invited to attend.)
Mar 19 - 20 PA DHIA State Board of Directors, Monroeville (following the Annual Meeting)
Apr 7 - 8 PA DHIA State Board of Directors, State College
July 7 - 8 PA DHIA State Board of Directors, State College
Oct 5 - 6 PA DHIA State Board of Directors, State College

Rookie Of The Year

The Rookie of the Year award was established to honor new technicians who have shown exceptional aptitude in learning the job of DHIA Technician. The individuals considered for the award must have worked between six and eighteen months as of December 31, 1991.

The field staff chooses one, and sometimes two, rookies who demonstrate outstanding cooperation with the state and local DHIA's in conducting and efficient and accurate testing program. The award consists of a beautiful engraved desk set. This choice is one of the most difficult decisions the Region Managers make concerning this conference.

This year there were several outstanding rookies. The technician chosen Rookie of the Year is Cherie Bonavita of Susquehanna County. Cherie began testing in April, 1991 and has a circuit of approximately 35 herds and 2,000 cows.

Diane McIlwain, Region 3 manager, left, presents Rookie of the Year Award to Cherie Bonavita, Susquehanna County.

Cherie maintained a test interval of 29 5 days and a "tested to received" of 1.2 days. Her accuracy rate for 1991 was a very impressive 99.9%.

Fifth Annual Meeting And Awards Banquet Set

Monroeville, all PA DHIA members and their spouse, nutritionists, and veterinarians serving the dairy industry are invited to attend the 5th Annual Meeting and Award Banquet. The Annual Meeting will begin on Friday, March 19, at 12:00 PM until 1:00 PM on March 20th, at the Radisson Hotel Pittsburgh, 101 Mall Boulevard, Monroeville, west of Pittsburgh.

We hope the conference will add the importance of the time spent together sharing your experiences. We sometimes get the feeling that we are alone with our problems. This is a great time to share ideas and building a commitment as an association. Your leadership is very important as this association continues to provide membership with the service you expect.

I'm excited about the theme this year as we work with the committed counties that have promised to host this years Fifth Annual DHIA Meeting. Those counties that have been contacted are Fayette, Washington, and Westmoreland County to help with the agenda.

A trade show featuring the latest will take place parallel to the annual meeting. A spouses program will also be offered and a lot of neat things that Mrs Adam Derr will be chairing and offering her creative craft ideas to make this quite an enjoyable Spouses Program.

Our banquet will be taking place on Friday, March 19 where we will honor those who have scored as one of the highest Herd Management Award in each breed. Don't miss out on the fun and great time. More information should be arriving in your mail. Please think about making this meeting for your association needs your support.

Pennsylvania DHIA Board Action Summary

The following actions of interest to members and the dairy community were taken by the PA DHIA Board from July through October, 1992:

July 1 - 2, 1992

1. The new Herd Summary II Report was approved for members as a no-cost option to the old Herd Summary Report which will continue to be available. Both reports will be provided for an extra 1 cent per cow per month

2 A project was approved to implement the use of laptop computers, the PA electronic barnsheet, and Dairy Comp 305 with DHIA technicians as soon as possible

3. A restructuring of the PA DHIA reports and their pricing was approved effective January 1, 1993. The new services will provide much greater choice for members and allow them to get only those reports they want and use.

4. An addition to the association's Herd Management Awards Program for sustained production was approved to be effective for cow year 1992. This change was made to provide members who are at high production levels the opportunity to compete for awards with those who have had exceptional increases in production during the year.

5. The long anticipated conversion from pre-printed forms to laser printed reports was approved effective November 1, 1992. Primary savings will total about $35,000 a year from this change.

6. The addition of solids-nonfat analysis to the lab services available to members was approved to be implemented as soon as possible.

7. The Board approved the participation of any National DHIA director from Pennsylvania as an ex officio member of the PA DHIA Board.

8. The Board approved the concept of cooperating with Northeast DHIA to support the funding of applied research at Penn State and Cornell. Details of the plan need to be worked out in the future.

October 7 - 8, 1992

1. A standardized memorandum of agreement between PA DHIA and independent county associations was adopted. The terms of the actual agreement with each individual county association will be discussed with the county board.

(Turn to Page C13)

THE HOLLINGER AWARD

The Carl B. Hollinger Memorial Award was started in 1977 in honor of Mr. Hollinger who was a fieldman for PA DHIA from 1951-1974. The winner of this award is selected by the employees who work in the Central Milk Testing Lab, to recognize an outstanding technician for excellence in neatness and accuracy of samples and barnsheets. Criteria used for selecting the winner include order and neatness of the barn sheets, neatness in sample packing, size of samples, method of ordering supplies, and cooperation with the lab. The award winner receives an engraved desk set.

This year's recipient, Ron Morgan, of Mifflin County maintained a 99.9% accuracy rate, a 30.2 day test interval, and zero percent non-testable samples on 26,607 samples. Ron's wife, Sherri, is also a certified technician and occasionally helps with the circuit of nearly forty herds.

Ron Morgan, Mifflin County received the Hollinger Award.

Pennsylvania DHIA Board Action Summary

(Continued from Page C12)

2. A memorandum of agreement with the DRPC at Raleigh to provide service in Lancaster County was adopted.

3. The decision was made to extend the use of the direct billing system to those independent county associations who want to use it.

4. Service rates for direct members in Lancaster Co. were approved. They are based on the actual cost to provide service in the county and are not subsidized by any other county or group members.

5. Policy #4.15 regarding pricing of services and products was revised. The new policy requires the association's prices to be set by taking prices of competitive services into account

6. The replacement of two company cars for region managers and one sample pickup truck was approved for a total expenditure of $36,000.

7. The Board approved the replacement of the old calf page (half sheet) with a new heifer listing report.

8. Upon recommendation of the DRPC Advisory Committee, approval was given to begin development of a body condition scoring report for future introduction to members.

9. It was approved to provide non-fresh daughter lists to the studs that want them as soon as practicable.

10. Funds were allocated and approval was given for consulting assistance to help develop a technology planned for the association.

11. Policy #8.9 was adopted clarifying that PA DHIA members own their records.

12. The association's annual meeting was set for March 19 - 20, 1993, at the Radisson Hotel in Monroeville, PA.

13. A proposal was made to change the current Bylaws and give every county a minimum of two delegates at district meetings. This is an increase of one over the present minimum for independent counties.

14. A resolution to change the National DHIA Bylaws and provide more flexibility for members to market their services was adopted. (NOTE: this resolution was also endorsed by Northeast DHIA, and then the Northeast Caucus of National DHIA in November.)

The Superior Technician Award

The purpose of the Superior Technician Award is to honor those technicians who deliver exceptional service to Pennsylvania's dairy farmers, promote good public relations, and provide up-to-date records for all of their members. The individual receiving this award must be full time, and have a minimum of 20 years of service. He or she must have previously received the distinguished service award, and have qualified for the award of merit for the current year. The award consists of a plaque and a check of $100.00.

Leonard Miller of Friedens, PA was presented this award at the 68th Annual PA DHIA Technicians Conference at Altoona. Leonard has been with DHIA in Somerset County for over 29 years.

Leonard is well liked and respected by his members and the technicians with whom he works in Somerset County. His circuit consists of 27 dairies and over 1700 cows tested monthly. Last year he took 23,000 samples for processing at the central lab at State College. He maintains a near perfect test interval (30.8) and an exceptional "tested to received" time of .9 days. That means that many of Leonard's samples arrive at the lab the same day they are collected.

A 99.9% accuracy rate for the data input forms is further evidence of the exceptional job Leonard does for his dairymen. The Award of Merit was also presented to Leonard for the fourth consecutive year.

Larry Hay, Region 2 manager, left, presents Superior Technician Award to Leonard Miller, Somerset County.

Distinguished Service Award

Each year a list of nominees for the Distinguished Service Award is formulated. Each candidate must have completed five years of service and qualified for the Award of Merit for the previous year. One technician is chosen from each region based on the following criteria: Cooperation with county personnel, dairymen, DHIA personnel, statistical performance and neatness and appearance.

Technicians may only receive this award once. It is also required that a technician win this award prior to consideration for Superior Technician. The winners each receive a plaque and a check for $25.00.

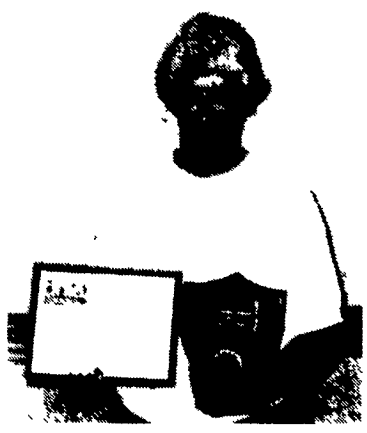
Jean Wolfe of Jefferson County received this award for the Northwest, region one. Jean tests a full circuit of 37 herds and finds time to assist region manager David Bigelow as a Senior Technician. Jean maintains a "tested to received" of .9 and a 30.8 day interval.

Carolyn Loucks tests approximately 32 herds each month in Mifflin County and her near 100% accuracy rate and perfect 30.4 day test interval helped her win the award for region two.

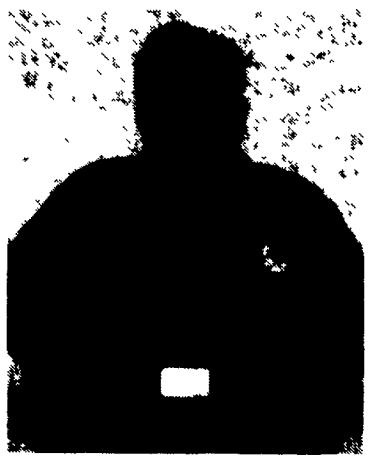
Region three recipient, Inez Moss, Columbia County, tests over 1700 cows per month and maintains a 99.8% accuracy rate. She has an impressive .8 day "tested to received" and a 30.5 day testing interval.

The region four recipient of the Distinguished Service Award is David Shenk III from Perry County. David maintains a 100% accuracy rate consistently. He maintains a circuit in Perry County and is also used as a senior technician, conducting verification tests and doing relief work. Dave's work takes him to all areas of the state.

Inez Moss, Columbia County, right, receives the Distinguished Service Award from Diane McIlwain, Region 3 manager.



Jean Wolfe, Jefferson County, received the Distinguished Service Award and a certificate for five years of service.



David Shenk III, Perry County, was given the Distinguished Service Award

Larry Hay, Region 2 manager, left, presents both the Putnam Award and 35 Years Service Award to Dean and Elmira Grimes, Bedford County.

Putnam Award

Harold Probst of Lancaster County achieved this distinction by sampling over 64,000 cows from monthly visits to 123 herds. Harold was charged with 19 errors for 1991. All this while maintaining a 30.6 day test interval.

Elmira Grimes of New Enterprise, Bedford County, also received the Putnam Award. She services approximately 23 herds a month and consistently maintains a 100% accuracy rate. She and her husband, Dean, also a technician, provide service to sixty herds each month. Their DHIA experience spans 35 years, for which Dean received recognition.

The Putnam Memorial Award was initiated in 1983 in h or of Dexter N. Putnam for his contr ations to PA DHIA. Mr. Putnam as an extension dairyman from 195 until his retirement in 1982. Dex 's dairy extension responsibilitie ncluded working with DHIA techni ns to improve their accuracy in orting data on the input forms. The Putnam Award is given annually to the technician who commits the fewest errors per 1000 cows tested. Technicians may only receive this award once. The winner receives an engraved wall plaque. For the second year in a row, a second award is being given to a technician who has less than 22 days work a month.

Tom Fox Has 55 Years Of Service

Tom Fox, a PA DHIA Technician in Clinton County reached an almost unbelievable milestone during the 1991 testing year. Tom was recognized for 55 years of service during the 68th annual Technicians Conference. He is presently in his 57th year with PA DHIA.

Others receiving years of service recognition were: James Benfield, Dean Cheek, Dean Grimes 35 years. Gerald Pratt 30 years. William Meyers 25 years. Don Messinger, Gary Davies, Richard Bigelow 15 years.

There were five technicians recognized for ten years of service and seven with five years.

New Members Since July

Bedford - Double E. Ayrshires, T. Wayne Eller.
Berks - Bovagold Holsteins, John & Beth Schueller.
Bradford - Kenyondale Farm, Gilpin Farms, Stewart Farm Brown Swiss, Dale Crayton, Mark & Mayme Carter, Kelly & Randy Walker, George Mallory, Ricky & Sue Teeter, Rich & Mark & Gems, William R. Brunelle, Lewis & Michele Terrel, Jesse Bonnie Teeter.
Butler - Hoggs Hideaway.
Cambria - William Eckenrode.
Centre - Daniel K. Beiler, Windmill Farm.
Chester - Carl Hanson.
Clearfield - Black Walnut Farms.
Crawford - Jonathan J. Hunter, Jeanelle McKuhn, David C. Black, Vel & Rus Holsteins, Gary & Karen Freyermuth, Jon A Bry Dairy, R & M Dairy, David Shaffer, James Miller, Joel Seth Alsdorf, Fred & Tracy Williams.
Cumberland - Timothy N. Alexander, Donald L. Groff.
Elk - Jeff Chubon.
Erie - Wilson & Son, Judi Triscuit, Pleasant View Farm, Chase Farm, Henry Almazon.
Franklin - Lowell R. Eby, Edwin W. Shank, Nathan Horst, Reich & Dale Jerseys, Gary & Joanne Halteman, La Mel Lo, Sugar & Drop Farm.
Huntingdon - Midd View Farm, Peaceful Terrain Farms.
Indiana- John A. Miller, Larry & Dave Gourley.
Jefferson - Laurel Valley Dairy.
Juniata - Elvin L. Geigley, Arlen R. Saner.
Lancaster - Jonas R. Eberly, Henry Z. Stoltzfus, Neil Z. Martin, Jonas F. Stoltzfoos, Ivan R. Oberholtzer.
Lawrence - Rich & Jolene Kroll, Dale W. Henry Jersey.
Lebanon - Snitz Creek Farm, James R. Hoffman.
Lycoming - Terrence L. Baier.
Mercer - Kevin D. Minor, Willow Brook Guernsey.
Mifflin - Hidden Acres Farm, Chester M & Julia Zook.
Perry - Philip E. Brubaker, Max & Flo Reapsome.
Potter - Richard C. Ross.
Snyder - A. George Stoltzfus.
Somerset - David & Lavina Yoder.
Sullivan - Craig & Jamie Bagley.
Susquehanna - Evans View Farm, Abraham D. Curley.
Tioga - Boyd & Diane Bradford, Steve Bolt, Frank R. Vandelinder, Jay H. Graham, Vernard Watkins, Harold & Sandy Jelliff, Dusty Lane Farm.
Union - Ridge View Farm, Ern Lin Jersey, Paul Z. Weaver, Ervin N. Hoover.
Warren - Blair Crest Herd 2.
Wayne - Alfred Rutledge, Albert G. Mignerey, Jr., Robert & Leslie Ellis.
Washington - SH & MCF Holsteins, SH& MVF Jerseys,

Top Herd Management Award Winners Named For 1992

The member recognition award that was initiated for the first time last year was revised to include 4 management areas and will recognize three herds in each breed providing they meet the criteria set by the PA State Board. The four management areas include:
1) production improvement in milk, fat and protein, 2) sustained production in milk, fat and protein, 3) mastitis management improvement and 4) reproductive management improvement. Within these areas, points will be assigned to each one based on how well members did with each factor. Points for each factor were added. The higher the point total, the better the performance and the greater the chance of winning recognition.

Qualification to earn points will be as of the end of the cow testing year, which occurs on or about September 30th each year. To qualify, herds must be on an official records program and have at least 10 cow years and 10 tests for the most recent cow year. The top three herds in each breed that have 20 or more official herds enrolled will be recognized.

Those with top honors this year are as follows:

Ayrshire:
1. Ardrossan Farms, Chester Co.
2. Charles & Don Gable, Chester Co.
3. Dale & Pattie Maulfair, Lebanon Co

Brown Swiss:
1. Bruce R. Heilinger, Lebanon Co.
2. Lo Vi Swiss, Cumberland Co.
3. Blair & Cammy Yurkanin, Bedford Co.

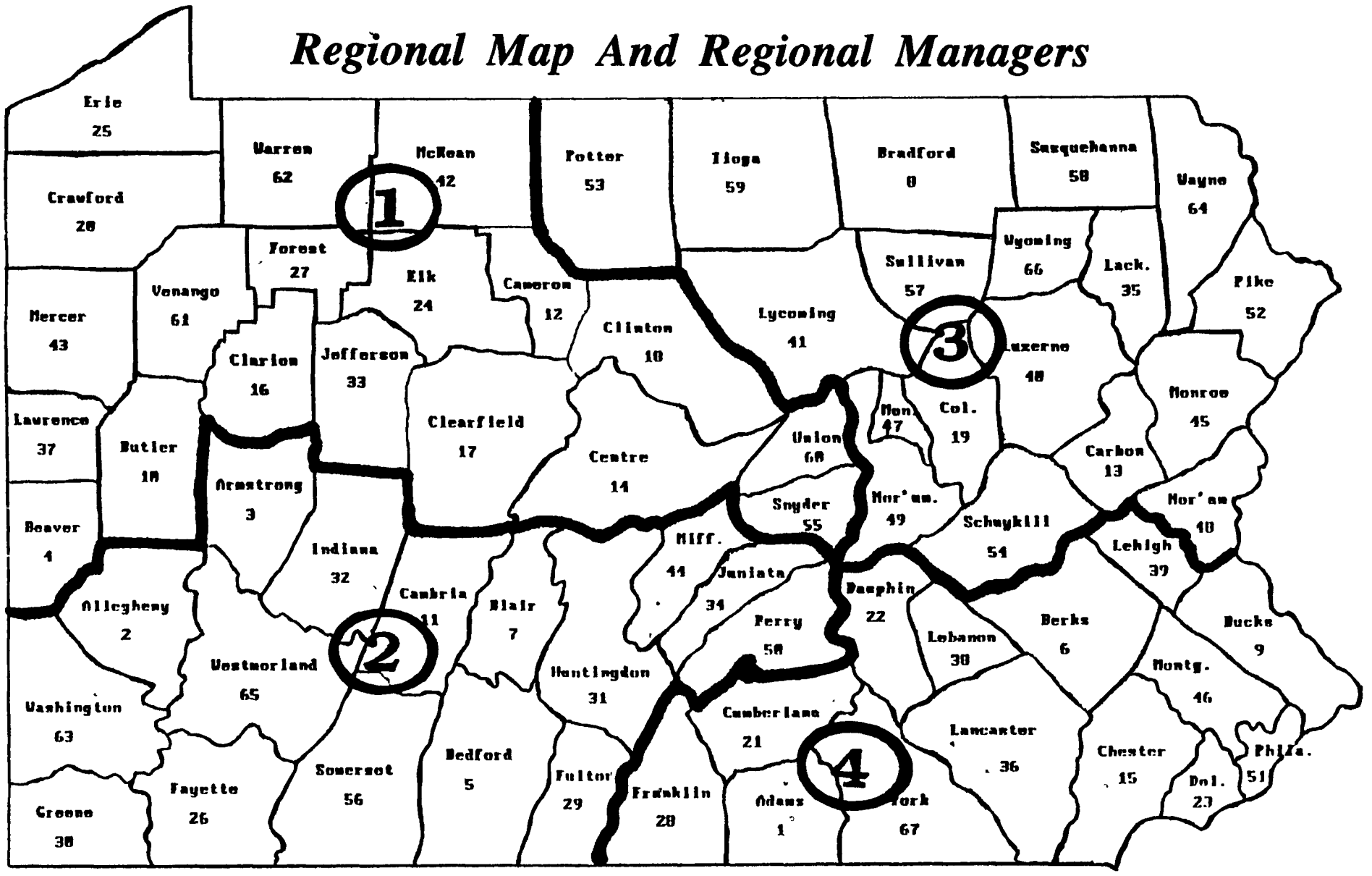
Guernsey:
1. Lyle & Laureen Wright, Bradford Co.
2. John Morrow, Blair Co.
3. Axel Linde- M. Widmann, Lancaster Co.

Holstein:
1. Frank Miller, Jr., Northampton Co.
2. Scott & Lynn Cook, Bradford Co.
3. Hiddenview Holsteins, Berks Co.

Jersey:
1. Spruce Row Farms, Crawford Co.
2. Windy Hill Farm, Mercer Co.
3. William Eick, Bradford Co.

Mixed Breed:
1. Gary Mase, Lebanon Co.
2. Jo Jen Hess, Adams Co.
3. Jerome B. Piroch, Butler Co.

Regional Map And Regional Managers



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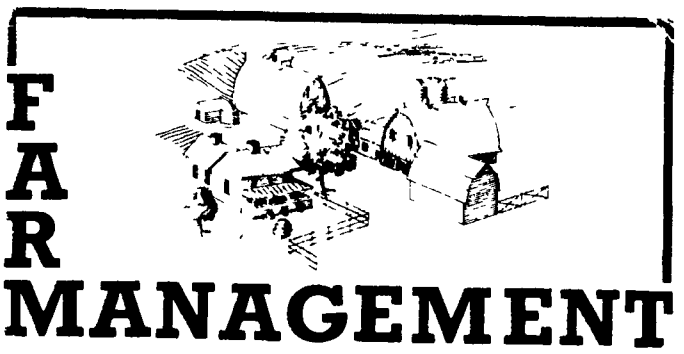
David Bigelow
28 Cardinal Circle
Williamsburg, PA 16693
814-832-3840

REGION 2
Larry Hay
R D 3, Box 39A
Berlin, PA 15530
814-267-4754

REGION 3
Diane McIlwain
R D 2, Box 308
Canton, PA 17724
717-673-8317

REGION 4
Harry Fritz
4090 Lemar Road
Mercersburg, PA 17236
717-328-9159



FARM MANAGEMENT

WHAT MAKES A GOOD FARM RECORD KEEPING SYSTEM?

Alan W. Strock
Extension Agent
Farm Management
Chester, Lancaster
Berks Counties

What will the key to profitability be in the future?

With profit margins continuing to decline, only the best record keepers and record analyzers will remain profitable.

As with any business activity, decisions can be no better than the information used to make them. With the end of the year fast approaching, now is the perfect time to review, revise, and/or change your record keeping system(s) for 1993.

Many farmers still lack the simple record keeping and record analysis skills needed to make informed business decisions, so record keeping remains a sore spot for much of agriculture. Since record keeping is the basis for making profitable business decisions and remaining or becoming profitable in the future, you should ask yourself four questions about your record keeping system.

Does Your Record Keeping System . . .?

1. Does the system provide the financial, production, and analysis information needed for efficient management of the farm business? Does the record keeping system require all the raw data needed and provide all the reports necessary for reporting, diagnosis, and planning?

2. Does the farm operator find the record system easy to use, especially the recording of the data? Does he or she understand the systems' output? Does the operator fully understand and use the various summaries and reports the system provides?

3. How comfortable is the farm operator with the record system? Does the farm operator control the records system or does the system control the operator?

4. How expensive is the system?

Let's briefly explore each question in more detail:

A Good System Offers . . .

A good record keeping system will provide accurate records to be used for:

- Measuring the trends and efficiency level of the farm's operational and financial performance.
- Measuring the profitability of every individual enterprise on the farm, such as heifer raising, corn, corn silage, custom work.
- Monitoring all inventories.
- Analyzing investments in new capital depreciable assets, such as land, buildings, cows, and sows.
- Managing your income tax liability.
- Supporting loan applications.
- Arranging for insurance coverages.
- Evaluating and fine tuning family estate planning needs.
- Developing sound marketing plans.

What Records Should I Keep?

The first step in finding a system that provides the financial and production information needed for efficient management of the farm business is to determine precisely the exact financial, tax, and production records needed for your particular farm, especially your production records.

Look at all the different enterprises and potential profit centers on your farm and think about all the data you need to really analyze the profitability of each profit center. Talk with neighbors who use different records systems — ask their likes and dislikes about the system they use.

Discuss record systems with your accountant and farm lender. They see many record keeping systems and can suggest what to look for when selecting a farm records system.

Don't overlook computer record keeping systems. Excellent computer equipment can now be purchased for under $1,000. Software that is flexible and entirely adequate for farm records is available for under $100.

Do You Really Understand Your System?

Probably the most common deficiency among commercial farm records providers is the failure to help farm managers understand the various reports generated by the records system.

The farm manager must understand the purpose, organization, sources, and limitations of the reports generated from the data that is collected and maintained. The farmer must see the value in keeping a specific record accurately before he or she will do so.

Too many times I have had farmers throw a cash flow, farm analysis, or depreciation schedule at me and say to me "What does all this mean, anyway?"

Learn Your System

Teaching the record system to the client takes time, especially teaching how to properly interpret the various reports. It is essential for the client to understand the importance of taking inventory periodically, the difference between a cash flow statement and a profit and loss statement, and how to interpret their balance sheet and farm analysis.

The record keeping service provider has not completed his/her job until the farm manager understands the various monthly, quarterly, and yearly summaries and analysis.

A Complete System Contains . . .

A complete farm record keeping system will include the following financial and production data and reports:

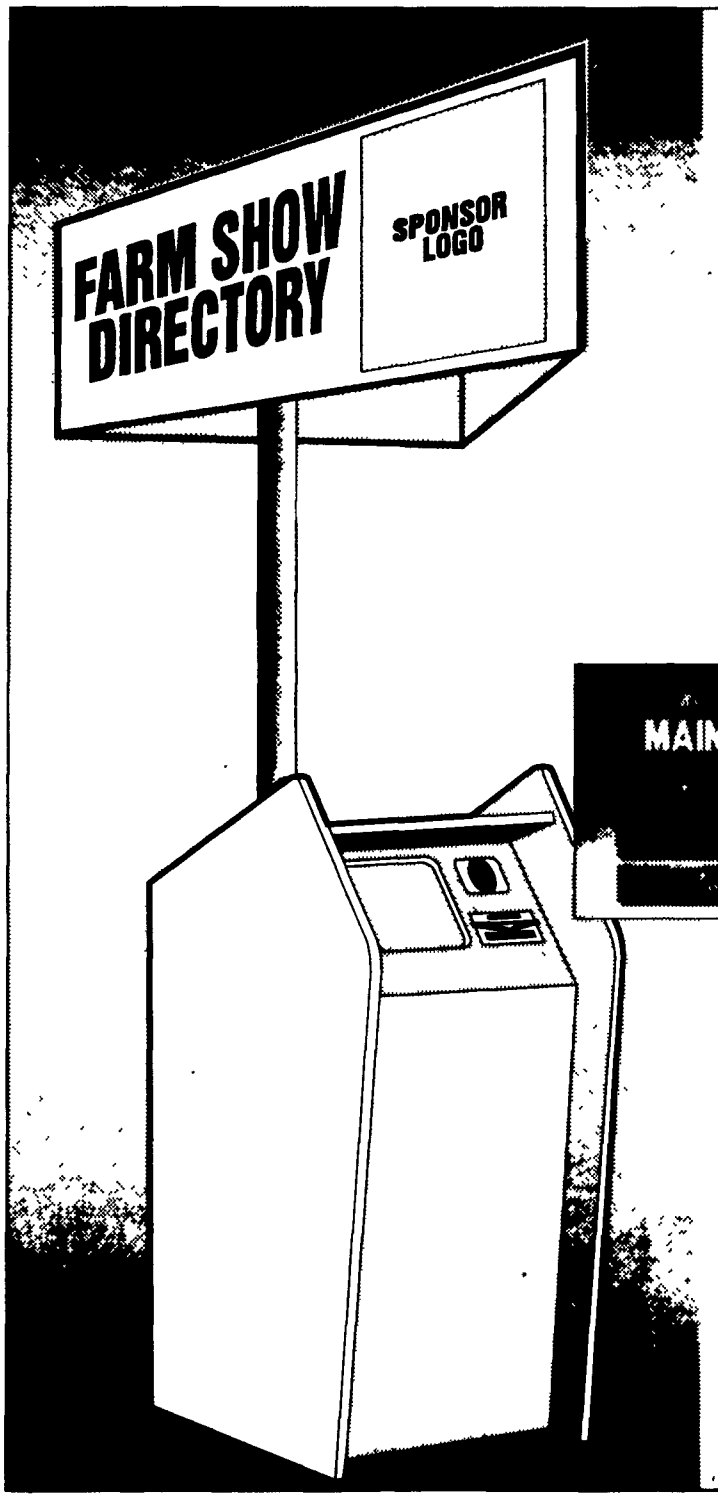
- Complete inventory list — at least once each year.
- Categorized receipts and expenditure records.
- Updated depreciation schedule.
- Monthly cash flow statement.
- Profit and loss statement — at least once each year, preferably monthly.
- Balance sheet — at least once each year.
- Sufficient production data to calculate the break even cost of production and a realistic profit determination of each enterprise.
- Farm business analysis report that calculates the whole farm profit as well as detailing the profitability of each enterprise on the farm and calculates various capital, labor, machinery, livestock, and crop efficiency measures.

Farm Business Analysis

The farm business analysis should calculate your farm's performance, including financial and production trends, along with county and/or state or regional averages as well as certain goals to shoot for.

The farm business analysis should contain various profitability and production efficiency measures such as percent of income to pay cash expenses, rate of capital turnover, purchased and total feed/cow/year, veterinary costs/cow year, milk sold/cow, pound of milk sold/worker, and machinery investment/acre.

(Turn to Page C16)



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Western Pa. Sets Fruit Growers Meeting

GREENSBURG (Westmoreland Co.) — The Western Pennsylvania Commercial Fruit Growers Seminar will be held on Tuesday, December 15, at the Holiday Inn Airport near greater Pittsburgh Airport, from 8 a.m. to 4 p.m.

Speakers from universities and private industry will discuss production practices, marketing, pest management, and other topics.

The education sessions will emphasize commercial production of tree fruit and berries. Dr. Richard Funt, Ohio State, will discuss "Pre-Plant Site Preparation" and "Economic Comparison of Apple Orchard Planting Systems." Dr. Carl Felland, entomologist from the Penn State Fruit Research Laboratory, will discuss "Ground Covers and Their Effect on Orchard Insect Populations" and "Insect and Insecticide Management Programs."

Dr. Barbara Goulart, Penn State Department of Horticulture, will give growers an "Update on Weed Control for Strawberries" and the latest information on "Blueberry Growing for Pennsylvania Conditions." There will also be a report on demonstration plantings of brambles and strawberries in western Pennsylvania.

Carl Brown, farm labor specialist with the Pennsylvania Farmers Association, will discuss the farm labor situation.

The morning session will be a general session with information that applies to all fruit growers. After lunch, sessions will be split into separate rooms for tree fruit and berry growers.

If you are involved in, or seriously considering commercial fruit growing, plan to attend the seminar. To register or for more information, contact Penn State Extension, Westmoreland County, Box 250, Greensburg, PA 15601, (412) 837-1402 or any Penn State extension office in western Pennsylvania.

FARM MANAGEMENT

(Continued from Page C15)

Are You Comfortable?

The farm manager should be comfortable with the farm records system. He/she should be able to change or adjust and individualize the system to make it "fit" his or her unique farm.

When the system controls the operator, this leads to frustration, dissatisfaction, and finally inadequate records, which often results in poor decisions.

Are You Getting Your Money's Worth?

Obviously, the most expensive farm record systems are not necessarily the best.

Determine the features you want in a record system and then select the system and/or individual that most economically provides the required features. An expensive system that includes features never used by the farm manager inflates the cost of record keeping with no contribution to more efficient management of the farm business.

Finally, the process of finding a system that economically meets your needs takes time, so start talking to your neighbors, accountant, banker, and extension agent today. Remember to shop around — just as you would when making any other purchase.

Corn Ear Molds Threaten Feed, Grain Sales

GOLDEN VALLEY, Minn. — Whether this year's corn crop is already harvested or still in the field, growers need to assess the presence of ear molds.

The pathogens responsible for ear molds persist in soils under continuous corn or a corn-soybean rotation, said Dan Coffin, Northrup King Co. agronomist.

"Wet weather and delayed maturity triggered this year's infection," Coffin said. "Slow plant development kept grain moisture levels up late in the season and recent rain and snow soaked plants still in the field. Both conditions facilitated ear mold development."

Growers should look for three forms of ear rot. Diploida spreads from the butt end, leaving a lightweight and completely rotted cob. Fusarium causes a salmon-pink to reddish-brown kernel discoloration — powdery or cottony-pink mold then develops on the infected kernels. Gibberella, or red ear rot, begins at the tip and consumes the ear, causing husks to adhere tightly to cobs. Pink mold may also grow between the husk and ear.

"If growers suspect molds were present in their corn crop, they need to check levels in their grain. Ear molds not only reduce yields but also affect the feed value of the grain," Coffin said.

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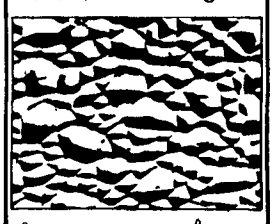
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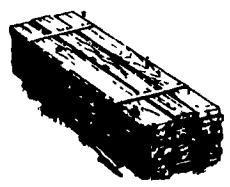
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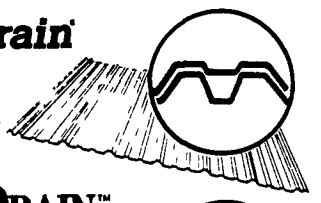

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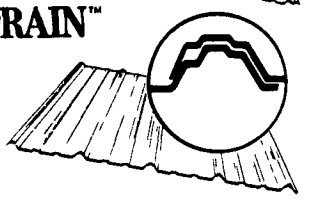

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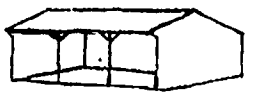

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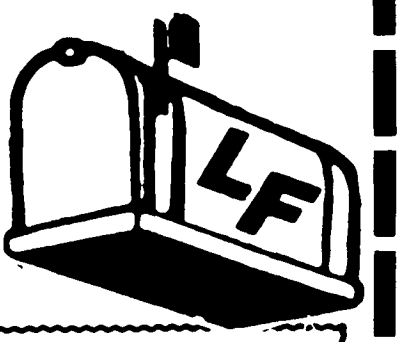

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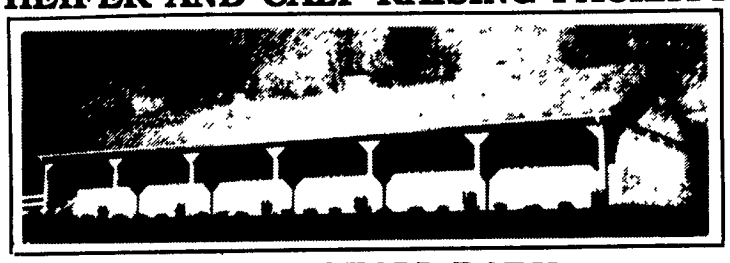

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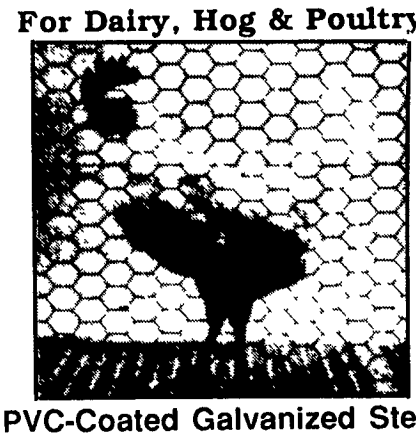

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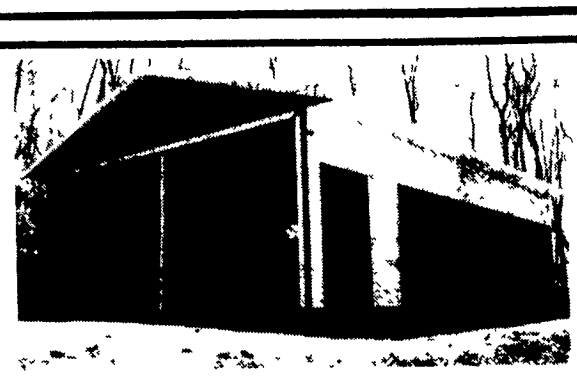

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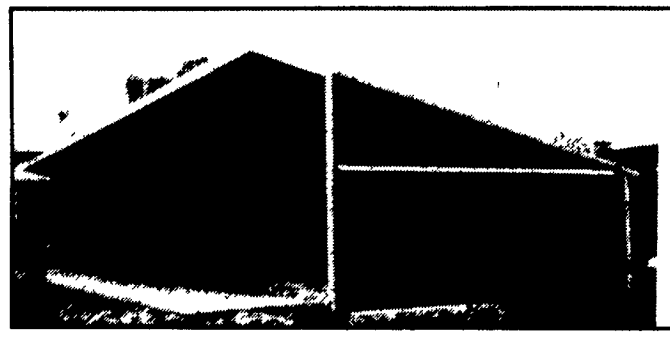

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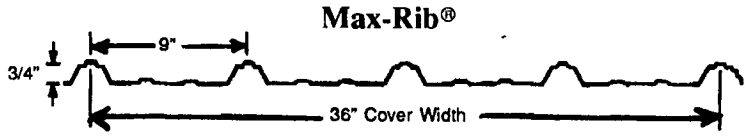

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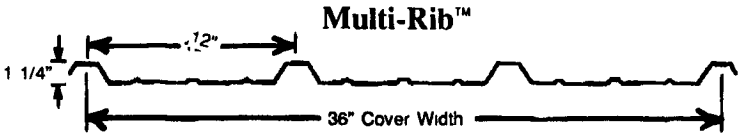

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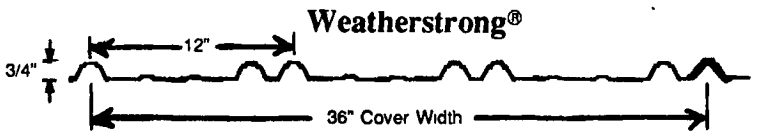

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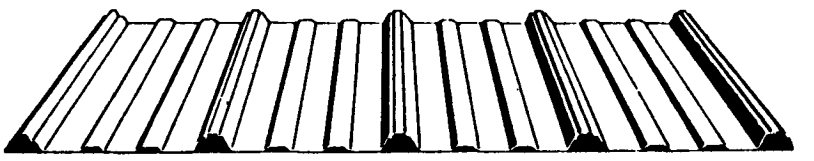
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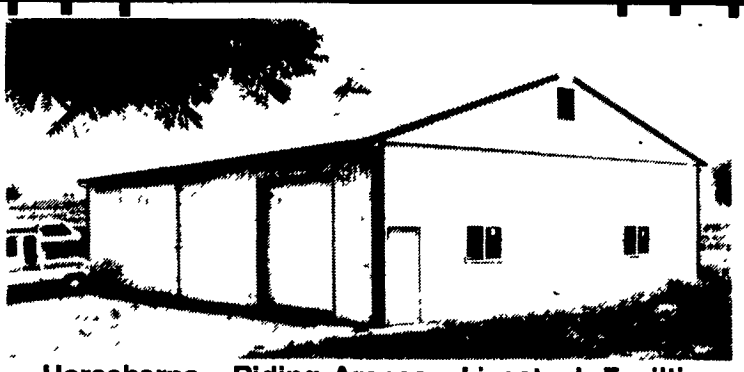
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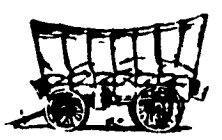
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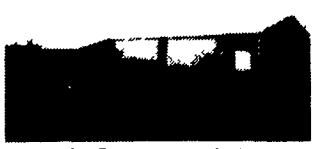
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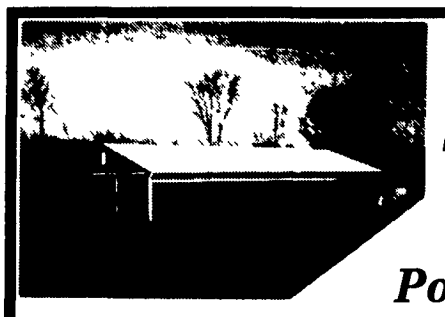
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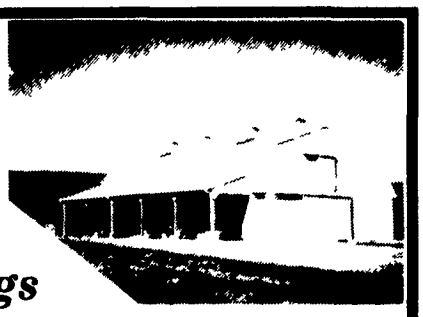
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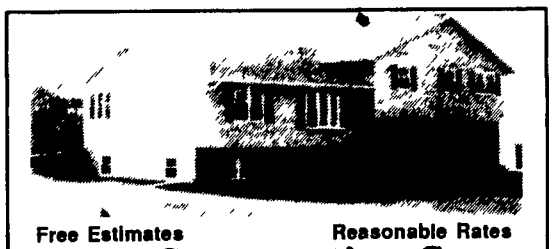
4 BUILDINGS AND SUPPLIES



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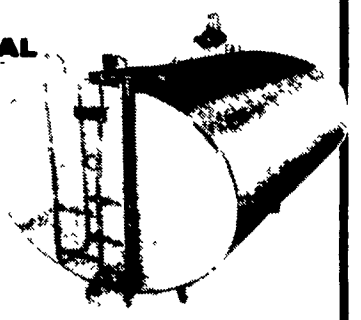

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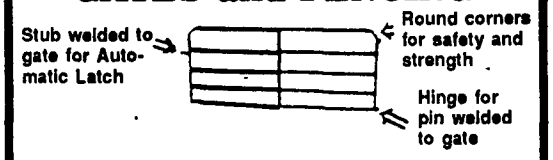
GATES and FENCING



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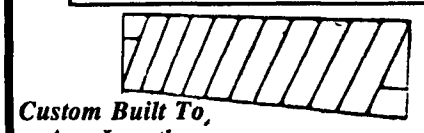
All Gates & Fencing Made Of 1.9" Outside Diameter High Yield Steel



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- 400 Gal. Mueller "M"
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- 400 Gal. Girton
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- 500 Gal. Mojonnier
- 500 Gal. Sunset
- 500 Gal. DeLaval
- 600 Gal. Sunset
- 600 Gal. Mueller "M"
- 600 SOLD, NY t
- 600 Gal. Mueller
- 600 Gal. Jamesway
- 650 Gal. Steinhorst
- 700 Gal. Mueller
- 800 Gal. Mueller "M"
- 800 Gal. Milkkeeper Flat Top
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- 800 Gal. Surge
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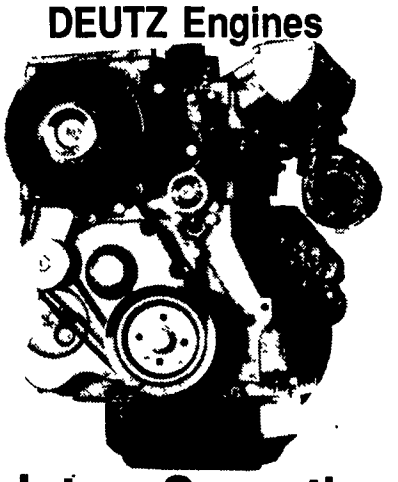

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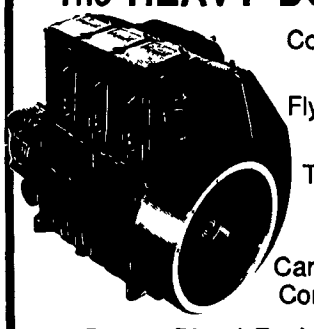

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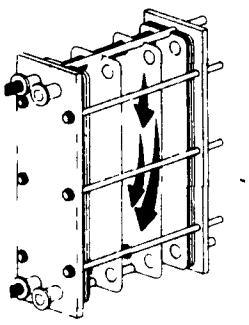

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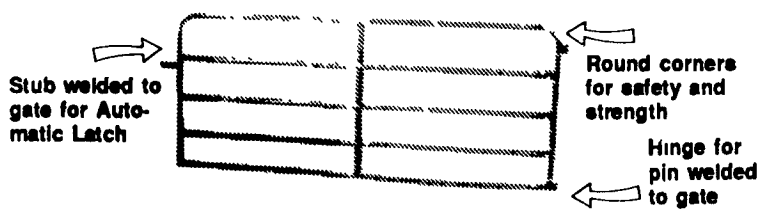

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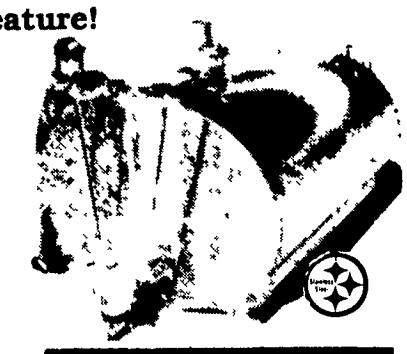

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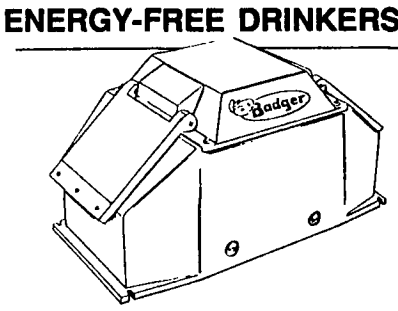

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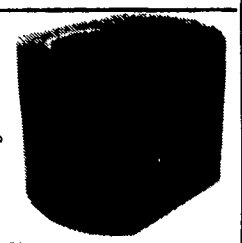

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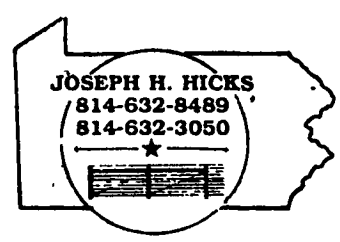

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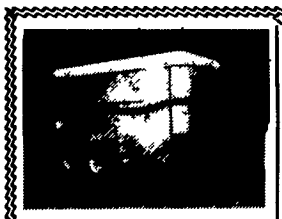

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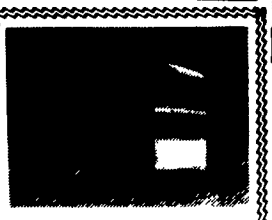

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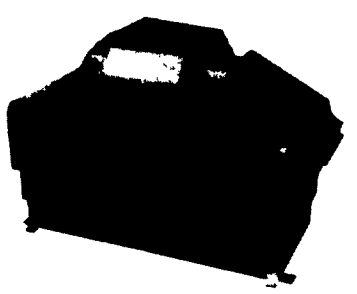

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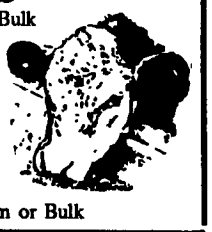

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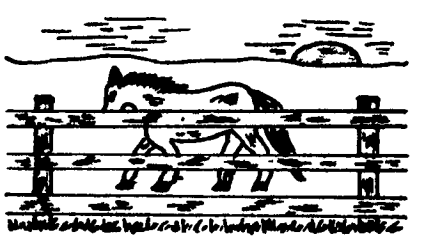

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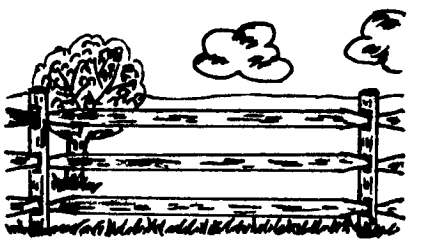

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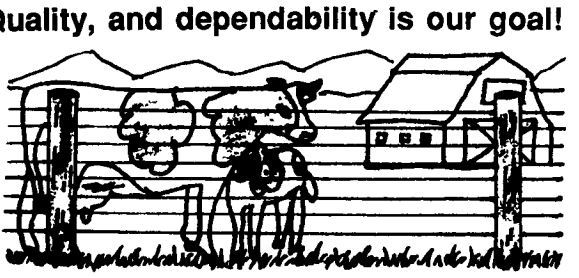

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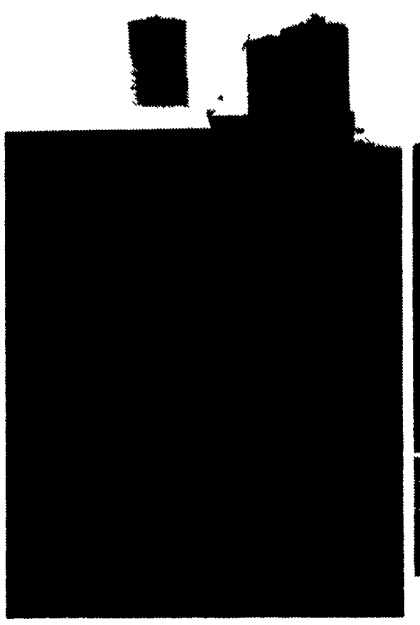

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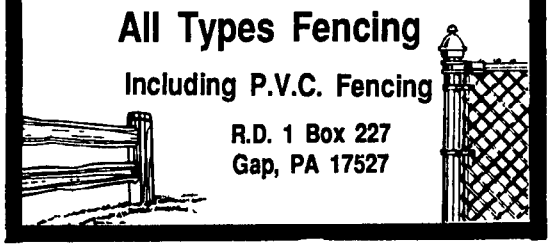

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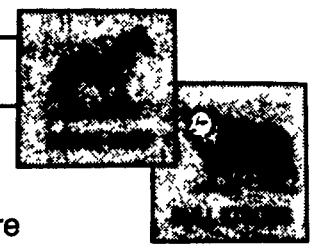

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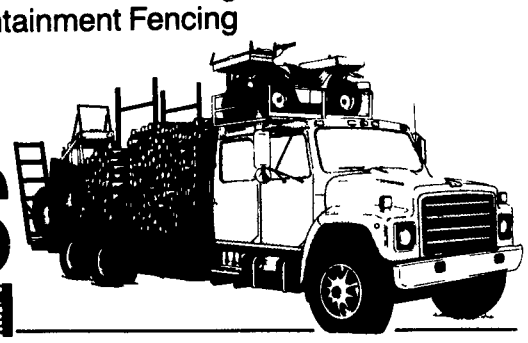

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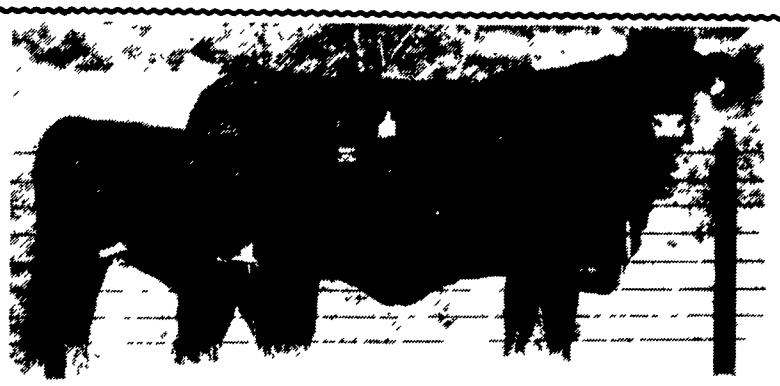

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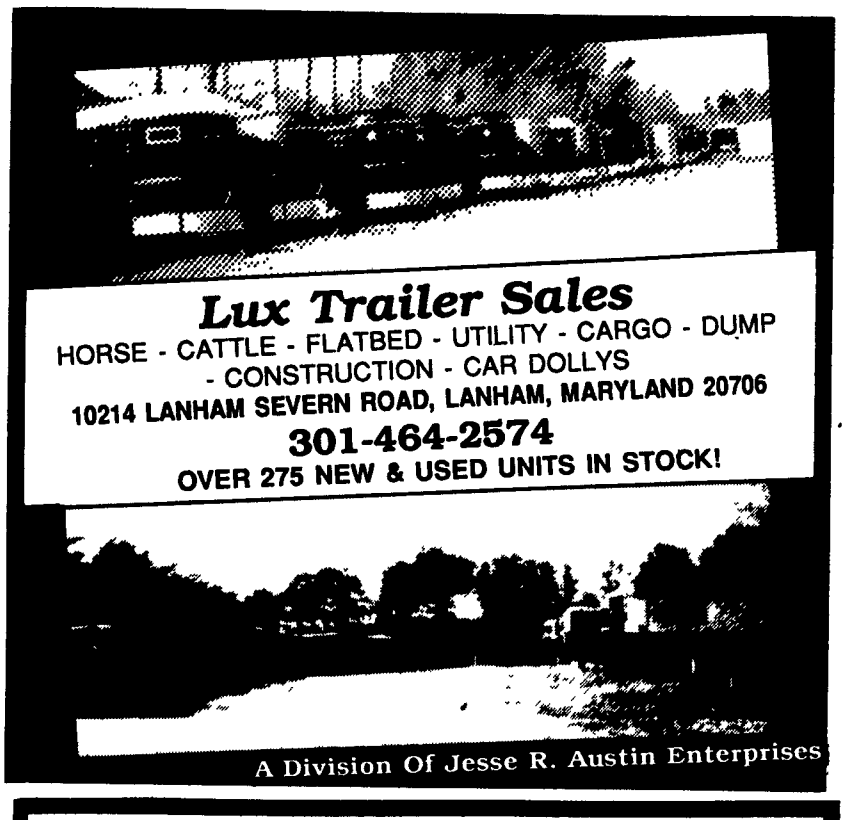

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Thank you Lancaster Farming and Readers for over 12 years of support to KENCOVE Fence. We have really enjoyed the many friends we have met through Lancaster Farming. The first 2 specials we are offering only to Lancaster Farming readers. These specials end 12-30-92 and are available only when equal dollars are spent on regular priced KENCOVE items. Many of our regular priced items have a shipping allowance.

SPECIALS:

Box of 25 (SFL) Hayes Style Inline Wire Tightners($1.25 ea. - regularly $1.99 ea) **$31.28**
4000 ft. USA 210 Wire 12½ ga. (regularly $71.00) **$49.00**
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***Compare* KENCOVE'S Regular Low Prices**
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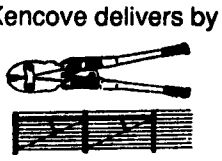
KENCOVE will have 2 booth locations at the 1993 PA Farm Show. Our old location we've had for 9 years around the Big Arena and the 3rd year at our newer location in the Main Exhibit Hall. Meet Steven Sarson our new General Manager at KENCOVE and Kurt Achenbach the new Farm Manager and rotational grazing expert. Kencove Farm will be a seasonal grazing dairy operation in 1993. Phone Steven or Kurt at 412-459-8991. Order from the leisure of your home, phone 1-800-245-6902. Kencove delivers by UPS or motor freight, often next day!



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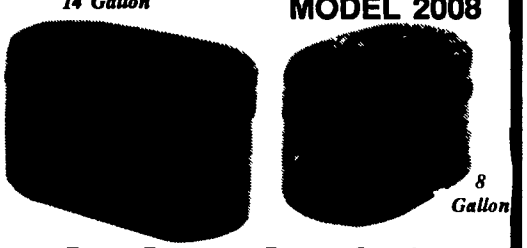

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24 Feeder Heifers, 900 lbs 215/445-8532 No Sunday Calls

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Yearling Holstein Bull, Leadman Son, dam VG86 28,270 4 6% 1309F 3.8% 1070P G dam VG 87 GMD and DOM 33,330 4 3% 1449F 3rd dam 86 GMD 28,840 3 7% 1067F Will deliver 717/285-7426

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Registered Leadman Son, Excellent Breeder, 4 Nearest Dams Over 1100 Fat, 600 Gallon Girton Milk Tank Levi M Stoltzfus, 31 East Eby Road, Leola, PA 17540

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Registered Holstein service age bulls, popular sires, dams up to 30,000m, 717/653-5663

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38" mini Sorrel mare, 4½ years old, quiet, $425; also Pygmy Goats. 814-422-0313

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Miniature donkey. Jenny, 5months old, paint, very cute and lovable Will hold for Christmas. York Co 717/225-6279.

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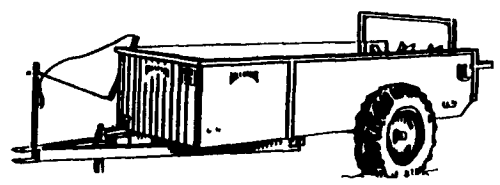
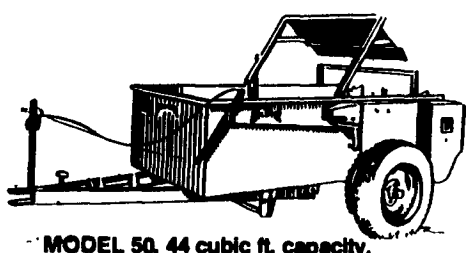
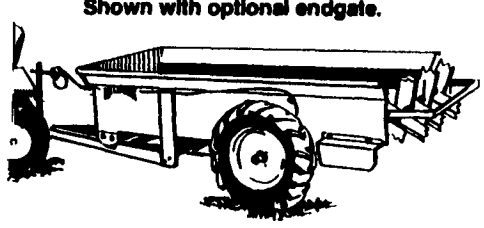


MODEL 75, 62 cubic ft. capacity. Operates behind 18-hp tractor.



MODEL 50, 44 cubic ft. capacity. Shown with optional endgate.



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45 bred Ewes, healthy 6 year old white face Ewes. Take all by Dec. 28th, $60 each. Pick and choose $75 each. 717-768-8378.

4-H Market Lamb Flock, Exceptional Registered Suffolk Ram, Suffolk Ewe with Twin Fall Borne Lamb, 2Finn Dorset Ewes. 717-776-7120 After 6PM.

Reg. Hampshire ram lambs and ewe lambs, born February. 717-898-6049.

Registered Polled Dorset fall -born rams lambs and ewe lambs. Champion showring bloodlines, ram test performance records, multiple birth fall lambing Excellent selection. Nix Besser Farm. Narvon, Lancaster County 717-354-5640

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Four bred Alpine goats due in April $50 each (717)768-7298

Oxford Flock Dispersal: 15 bred ewes, 3 '92 ewes, 3 '92 rams, 1 two year ram, $3000. Marvin Stoddard, Quarry Hill Farm, Kingston, NY, 914/336-6793.

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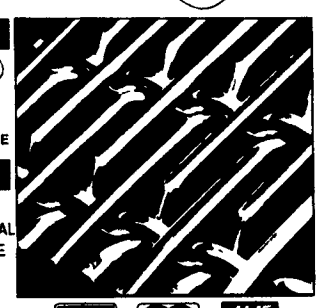

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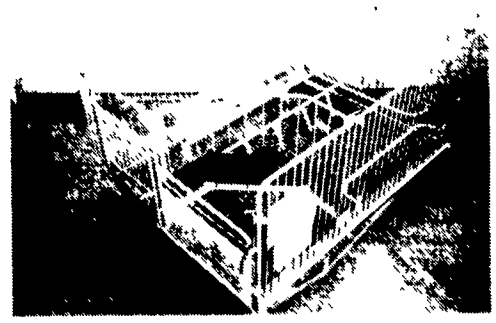

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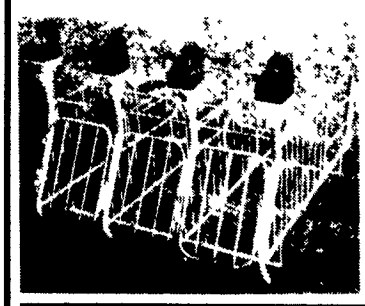

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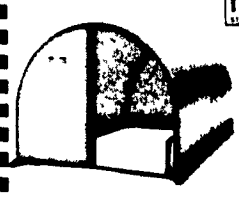

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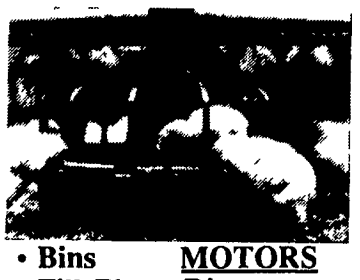

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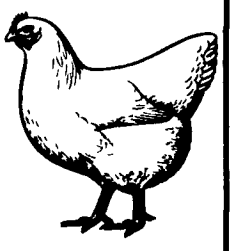

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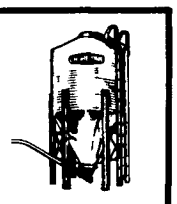

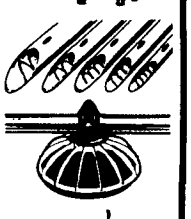

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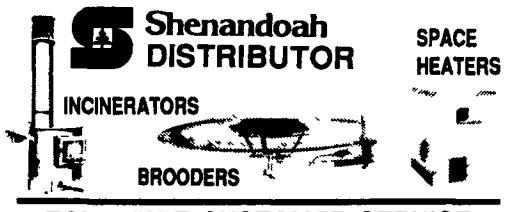

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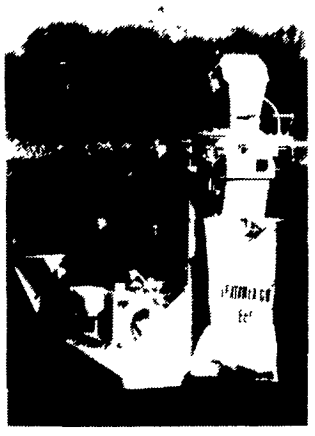
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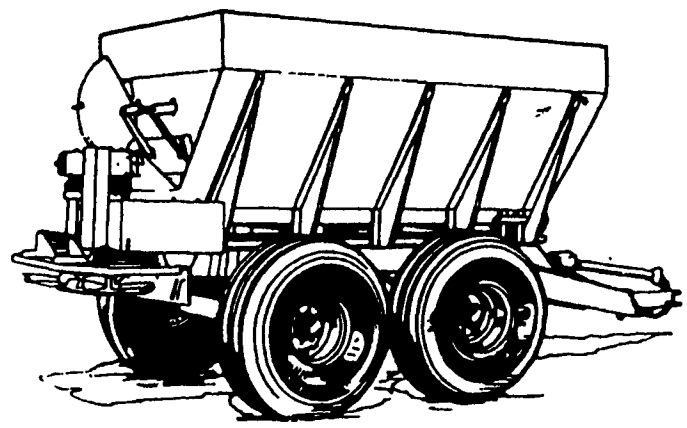

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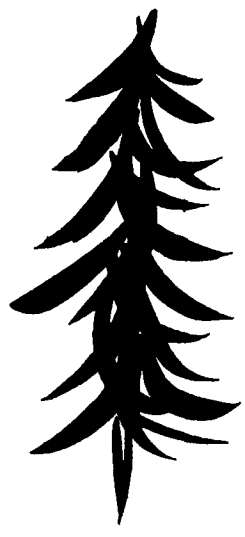

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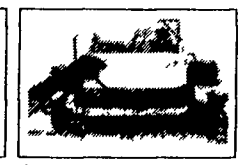

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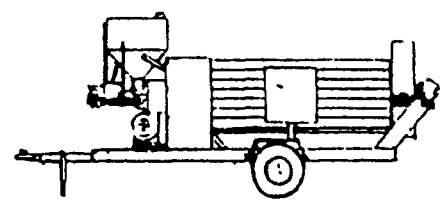

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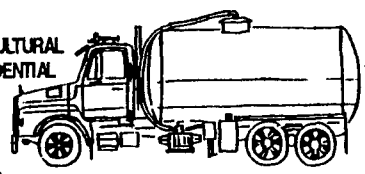

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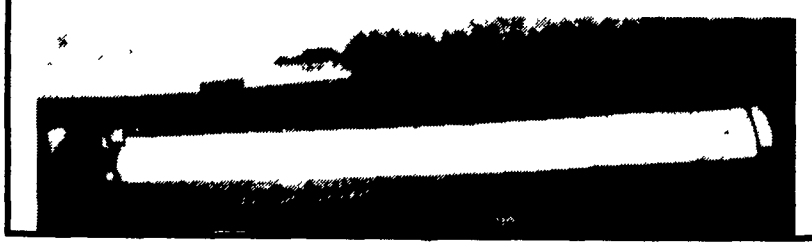

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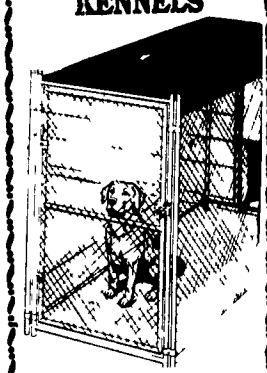

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31 NOTICE

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NEWS RELEASE
EXHIBITORS WELCOME

The Blair County Conservation District is holding a seminar for county farmers on legislation and nutrient management, including ag waste management alternatives and handling on February 25th, 1993 at the Ramada, Altoona, PA. Limited exhibitor space is offered at a cost of $50 per, to dealers in ag waste handling equipment, storages, or nutrient management. Direct inquiries to:

Amanda Ritchey, (814) 696-0877
1407 Blair Street, Hollidaysburg, PA 16648

32 MISCELLANEOUS

1971 Yale Fork Lift, 3000 lbs capacity Hi Lift, gasoline engine, 1800 hours, VG condition, $1150 717/458-5043 evenings

20 foot belt elevator $250, Steel circular staircase $250, Disc needs work $40, (8) wooden swivel chairs $20 each 215-598-7033

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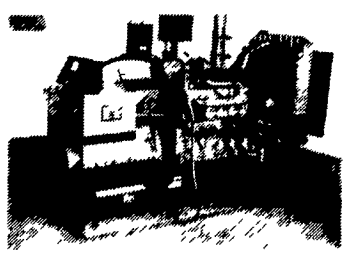

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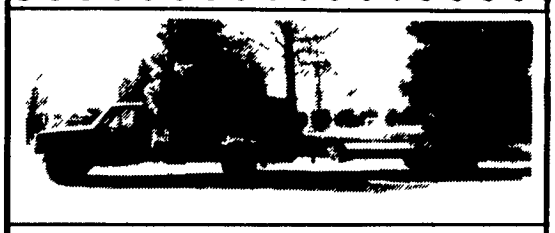

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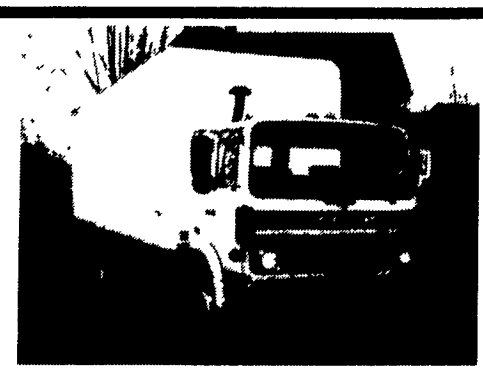

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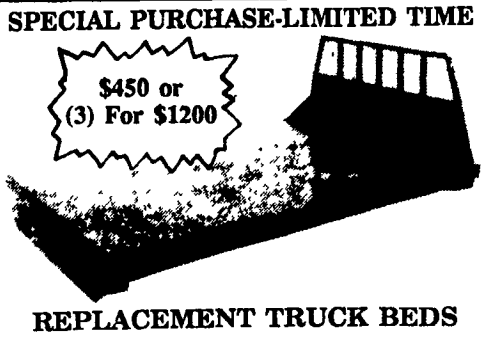

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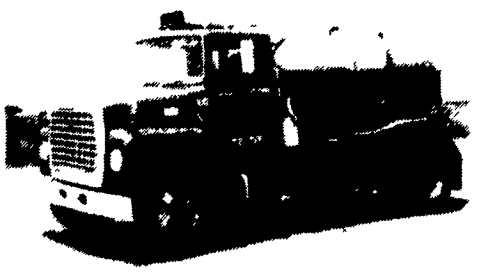

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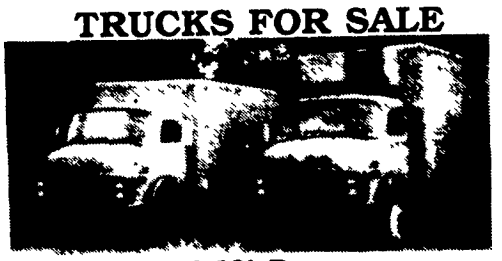

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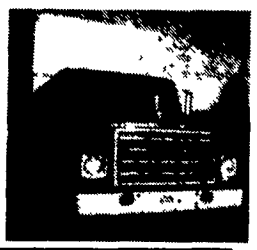

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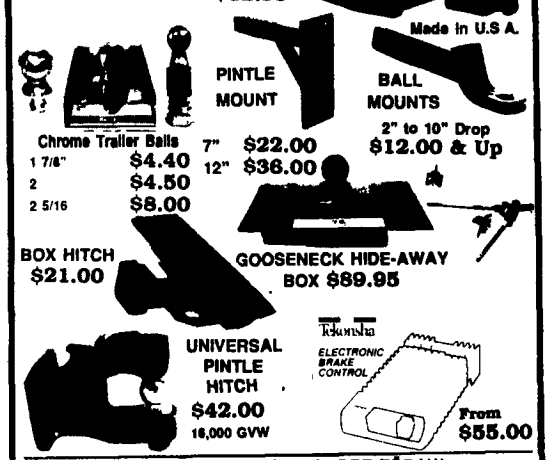

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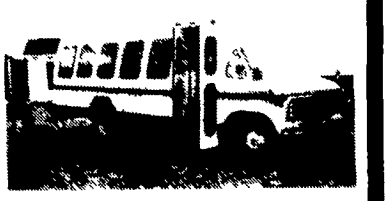

1982 Mack 24' Jerr-Dan Rollback Mod #RD 686S 300 HP, 6 Spd. Low hde, 20,000 lb Frt. 40,000 lb. rears, twin screw; 4:17 ratio; 24.5 radials, PS, AC; Chrome Stack; 137,000 Orig. Miles, Immaculate Condition

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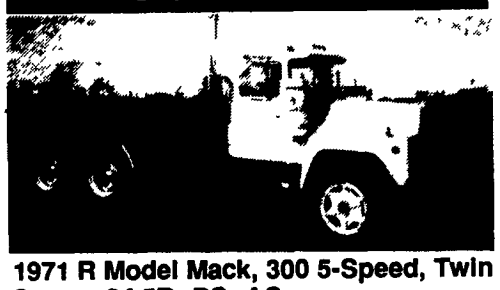

1971 R Model Mack, 300 5-Speed, Twin Screw, 24.5R, PS, AC.

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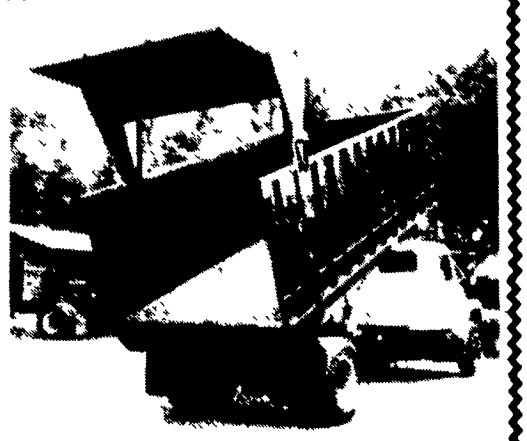

1989 INTERNATIONAL S1954
DT466 (210 hp) 5+2, AB, PS, 33,000 GVW, w/18' Scott Silage and Grain Body (Tapered Sides)

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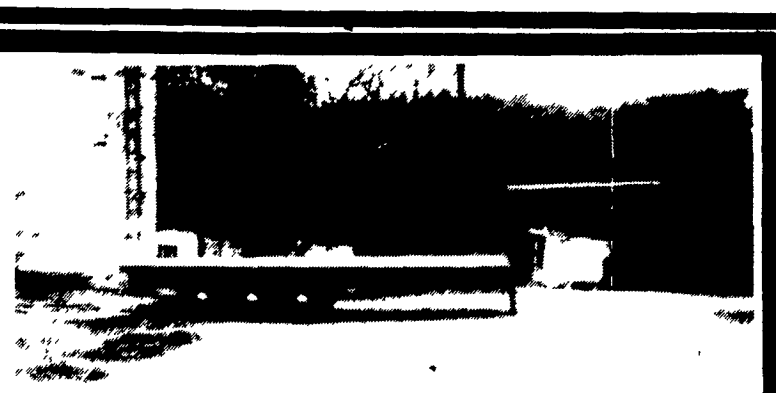

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Excellent Shape
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'89 Ford E250 extended cargo van, 300 EFI, auto, PB, PS, air, AM-FM, 42,000 miles, charcoal, excellent condition, $9,175 717-733-2873

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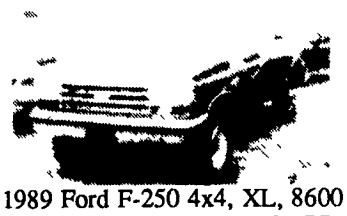
'90 Chevy Beauville Extended 11 passenger Van, 350 FI, auto, PB, PS, PW, PDL, cruise, tilt, dual air, AM-FM cassette, 28,000 miles, charcoal, excellent condition, $13,500. 717-733-2873

USED TRUCKS



1989 Ford F-250 4x4, XL, 8600 GVW, 351 FI, Auto, PS, PB, AC, Tilt Wheel, Cruise, Rear Sliding Window, Dual Tank, 45,000 Miles
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1988 Ford F-350 Dual Wheels, Cab & Chassis, 351 FI, 5 Speed, PS, PB, AM & FM, 1 Owner, 52,000 Miles.
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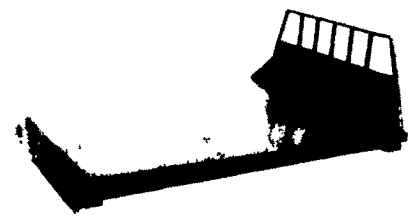

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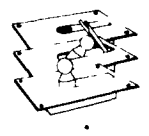
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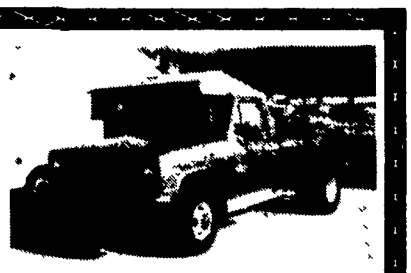

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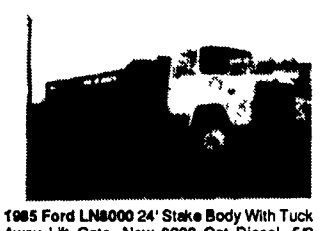
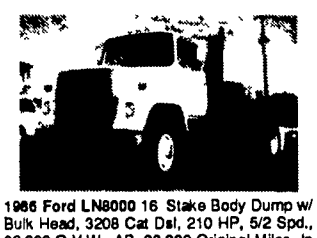


1985 Ford LN8000 24' Stake Body With Tuck Away Lift Gate, New 3208 Cat Diesel, 5/2 Spd , PS, 28,000 G V.W., Nice Truck



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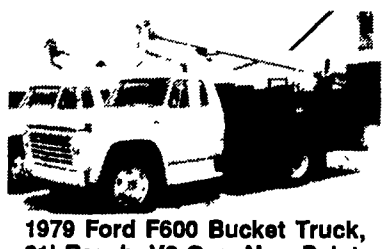

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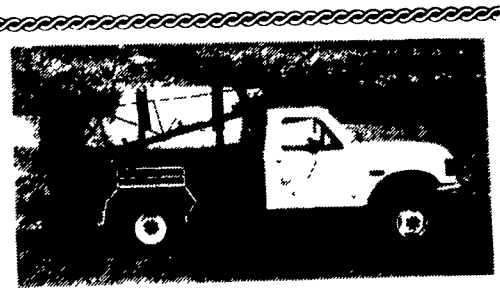

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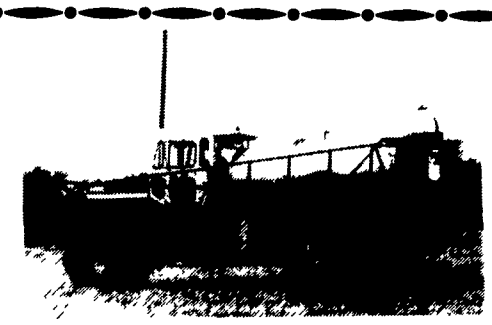

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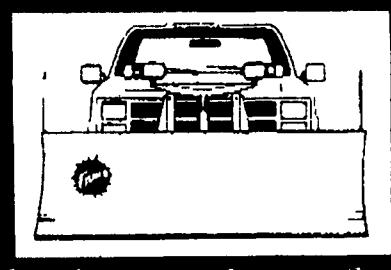

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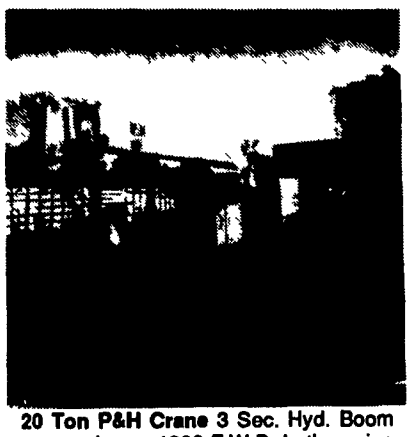

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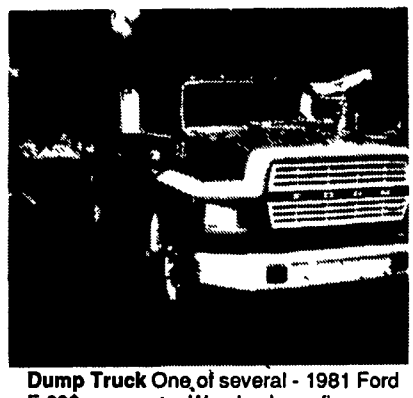

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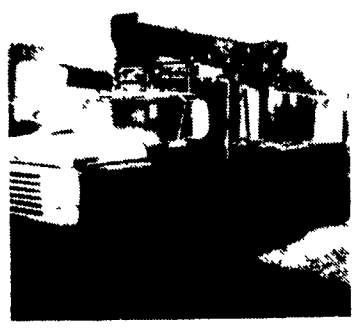

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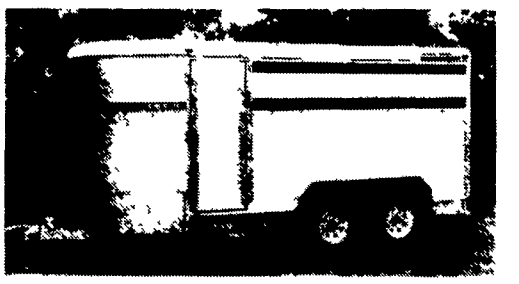

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'88 Ford F350

Crew Cab, XLT Lariat, 7 3 Diesel, Dual Wheels, 58,000 Miles, Auto Trans , 410 Rear, PS, PB, Power Windows, Power Door Lock, AC, Tilt & Cruise, Very Good Condition

$16,500

215-536-5382

'79 GMC B Diesel Truck

5 Speed Trans., 2 Speed Rear, 27,000 GVW 20' Van Body, Very Good Condition

$7,000

(814) 443-2246

E-TOWN DODGE

1991 Jeep Cherokee Briarwood, Like New

1989 W150 4x4 Short Bed, Like New

1989 Chevy C-1500, 27,000 Miles

1992 B-350 Maxi Wagon, 15 Passenger, 20,000 Miles

(4) 1993 Diesels In Stock

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717-653-6667

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JONES PONTIAC • HONDA GMC TRUCK

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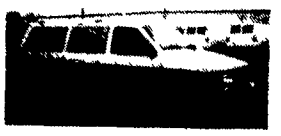


'90 PLYMOUTH VOYAGER

V6, AT, AC #7193
Waxs $14,995

NOW **$12,750**

'89 GMC CREWCAB DUALLY

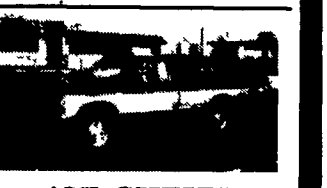
454, AT, AC, Buckets, Trailer Pkg. #7192
Was $14,995

NOW **$10,800**

'89 GMC 4x4 PICKUP

Sierra Classic, 350, AT, AC, Runs Great, #7134
Was $10,995

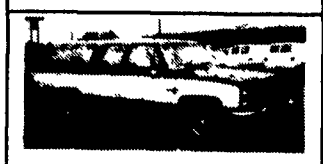
NOW **$8,850**



'87 CHEVY S-10 PICKUP

V6, AT, AC, Tahoe, #7237
Was $8,995

NOW **$7,150**



'84 CHEVY SUBURBAN

Silverado, 350, AT, AC, 9 Pass., PW, PL, Trailer Pkg. #7178
Was $7,900

NOW **$5,300**

'91 CHEVY SPORTSIDE 4x4

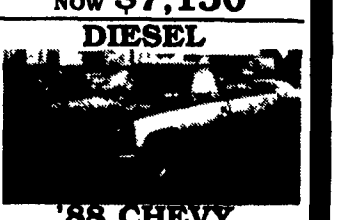
350, 5 Spd, AC, Low Mi., Super Clean, #7120
Was $14,995

NOW **$13,100**

'91 GMC SUBURBAN 4X4

Sierra Classic, 350, AT, Front & Rear Air, Rear Heat, Trailer Pkg., Like New 17,000 Mi. #7116
Was $23,900

NOW $19,900

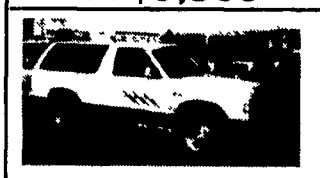


DIESEL

'88 CHEVY ¾ TON

Silverado, AT, AC, Cruise, Tilt, Loaded #7165
Was $13,995

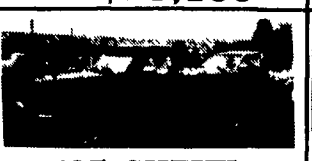
NOW **$12,150**



'86 CHEVY S-10 BLAZER

V6, 5 Spd., AC, Custom Wheels #7166
Was $8,995

NOW **$6,750**



'85 CHEVY 4x4 PICKUP

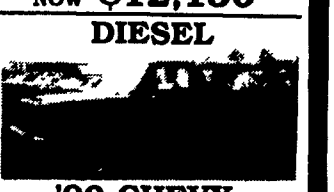
Silverado, Short Bed, V8, AT, AC, Loaded, #7228
Was $8,495

NOW **$7,150**

'92 GMC 1 TON EXTENDED CARGO VAN

350, AT, AC, PL, Cruise, Tilt, #7206
Was $19,300

NOW **$13,900**

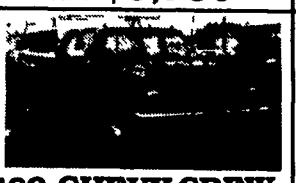


DIESEL

'90 CHEVY K-BLAZER 4x4

AT, AC, Cruise, Tilt, Loaded, #7184
Was $18,100

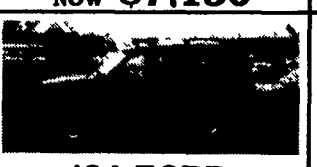
WAS **$16,100**



'89 CHEVY CREW CAB DUALLY 4x4

454, AT, AC, Great Cond., #7189
Was $16,995

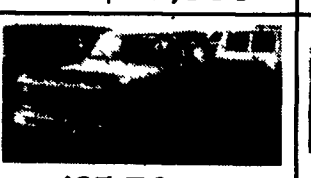
NOW **$13,200**



'84 FORD BRONCO II 4x4

V6, AT, Real Nice #7220
Was $5,495

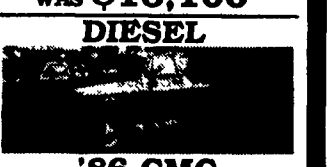
NOW **$4,450**



'85 FORD F-150

V6, 5 Spd., Great Work Truck, #7240
Was $4,995

NOW **$3,500**

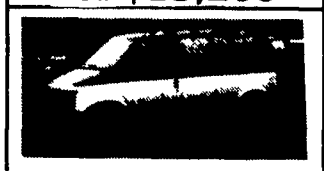


DIESEL

'86 GMC 1 TON CREWCAB 4x4

4 Spd, AC, Cruise, Tilt, 49,000 Mi., #7157
Was $15,995

NOW **$10,900**



'90 GMC SAFARI

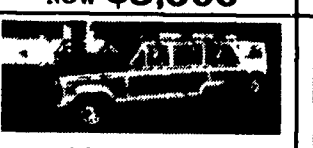
7 Passenger, V6, AT, AC, Sharp, #7225
Was $14,995

NOW **$12,500**

'89 GMC 1 TON 4x4

454 V8, AT, Fiberglass Cap, #7155
Was $10,995

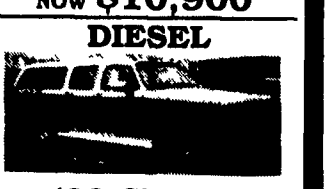
NOW **$9,750**



'89 JEEP GRAND WAGONEER

All The Toys, V8, AT, AC, 19,000 Mi., #7164
Was $14,995

NOW **$11,700**



DIESEL

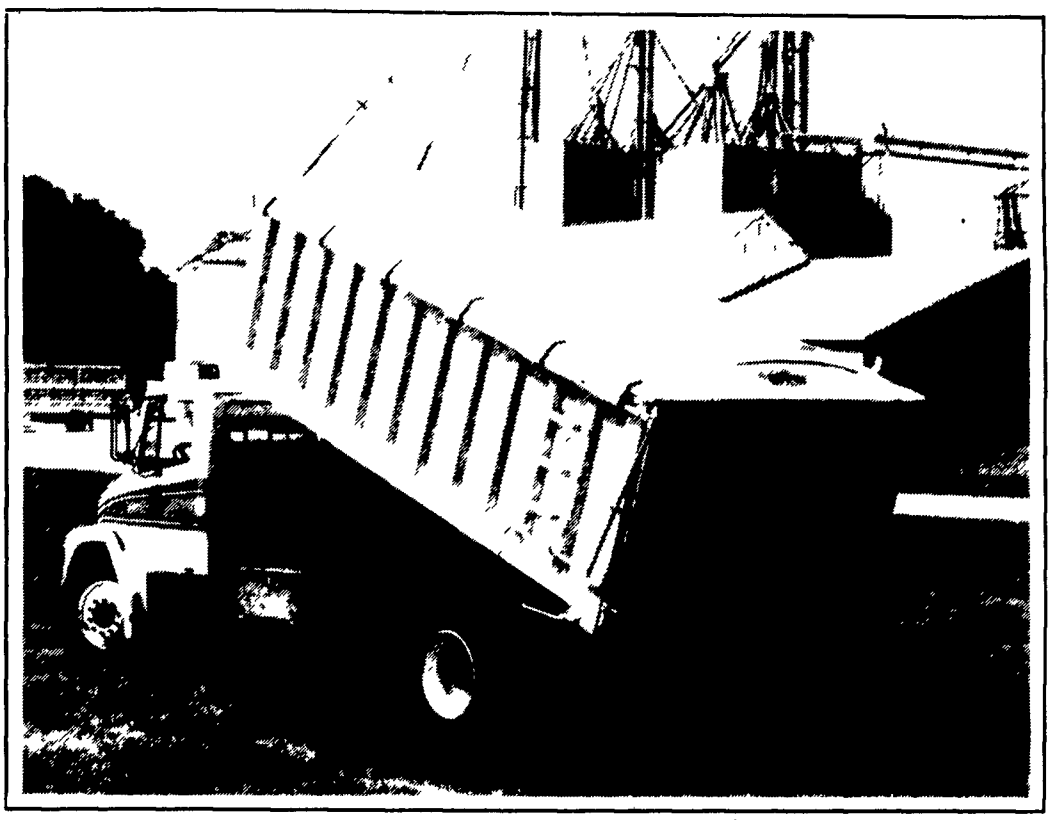
'88 CHEVY SUBURBAN

AT, AC, Cruise, Tilt, #7219
Was $14,995

NOW **$12,900**

Prices based on straight sale. Tax & tags extra.

In grain bodies, aluminum makes $ense.



Eby Aluminum Grain Bodies pay off in dependable long-term service. Their all-aluminum construction means:

- Greater payload efficiency
- Maintenance-free service
- Substantially higher resale value.

If you think that steel is cheaper, think again. We can show you how aluminum actually saves you dollars in the long run.

Eby's time-tested design is available in lengths to 24' and a 48" standard height; optional heights include 54", 60" and 72". A long list of standard features such as tie rail, built-in steps, aerodynamic uprights and Harsh hoist is complemented by a full range of custom options, including tailgates, Wahpeton tarps and chute.
When you select your next grain body, consider the value that aluminum offers. It's a worry-free investment in your future.

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1984 Merritt 48'x96"x13'6" Stocker-Feeder (Jailhouse)
1982 Wilson 45'x96"x13'6" Cattle-Pot
COMING!!
1991 Wilson Silver Stars 48'x96"x13'6" Cattle/Hog Combo

STOCK TRAILERS
1991 Four Star 18' Gooseneck
1990 20'x8' Featherlite Aluminum Gooseneck
1989 Eby 20'x7½' Aluminum Gooseneck
1988 Moritz 16' Bumper Hitch
1987 Eby 22'x8'x7' Gooseneck
1986 20'x8' Aluminum Walinga

GRAIN TRAILERS
1993 NEW Timpte 42'2" Hopper Bottom

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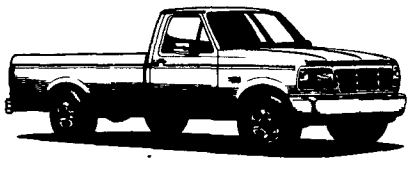
Mark VII - Pickups - Broncos - Bronco II - Stake Body - Crew Cab - Lynx - Topaz - Diesel Pickups - Mustang - T Bird - Marquis - Grand Marquis - XLT - Custom Vans - Tempo - Cougar - Continental - Town Car - 4x4 - Box Van - Rangers -

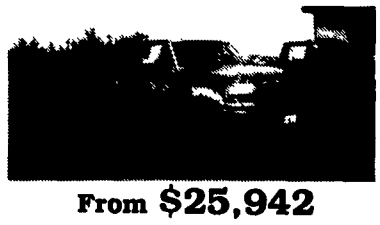
'93 FORD CREW CABS
As Low As **$19,994**

In Stock
(2) '93 Diesel, Stick
24) '93 In Transit
(1) '93 Diesel, 4x4 Dually
(1) '93 Centurions Diesel
(3) '93 Centurion Coming

'93 FORD F-150
#3781, 6 Cyl., 5 Spd, PS, PB, AM-FM St., Rear Step Bumper
DELIVERED PRICE **$10,495*** or **$219*** per month



'93 FORD F-250 SUPER CAB 4x4
Diesel, Stock, PW, PL, More!



From **$25,942**

'92 & '93 CONVERSION VANS
7 To Choose From!
Starting As Low As $19,995!
V8, AC, Automatic, PS, PB, TV, Loaded, Hi-Tops & Low Tops

* Prices include applicable rebates plus $500 cash or trade. Tax, tags and doc fees additional. Payments at 10.9% APR for 60 Months

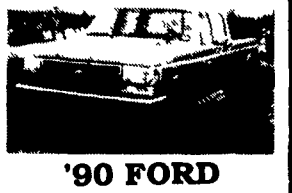
'91 FORD AEROSTAR EXT. AWD
Eddiw Bauer, One Owner, 30,000 Mi., Loaded #P1483
Was $18,997
NOW **$18,188**

'92 FORD AEROSTAR EXT.
6 Cyl., AT, AC, #P1471
Was $17,378
NOW **$16,822**

'88 FORD RANGER SUPER-CAB
V6, 5 Spd., 1 Owner, Alum, Cap, #P1453A
Was $6,987
NOW **$6,253**

'92 FORD E-250 CLUB WAGON
15 Pass., 5 8L Eng, AT, AC, Rear Heat & Air, 20,000 Mi., #P1466
Was $18,836
NOW **$18,255**

'91 FORD EXPLORER EDDIE BAUER
AT, Loaded, Only 14,000 Mi., #1432
NOW **$19,333**



'90 FORD F350 CREW CAB
5.8L, Loaded, 65,000 Mi., #1155A
Was $12,988
NOW **$12,150**

'86 CHEVY C-10 PICKUP
6 Cyl., AT, Local Trade #3781A
NOW **$5,998**

'90 FORD F-150 XLT
302, AT, AC, 35,000 Mi. #P1449
NOW **$12,525**

'88 FORD AEROSTAR
6 Cyl., AT, AC, AM/FM, Loaded, Only 36,000 Mi. #P1392 (File Photo)
Was $11,998
NOW **$9,450**

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"STANDS FOR QUALITY"

1- New 1992 Hillsboro 24' Flatbed Gooseneck Trailer w/Flip Up Beaver Tail & Loading Ramps, 2-5/16" Ball Coupler, Two Axles With Electric Brakes, 7.50 x 16-10 Ply Tires, 14,250# GVW, Safety Brake Away Switch, Steel, Battery Box, 12 Volt Wet Cell Battery, Pa State Inspected & Completely Serviced. (Trailer Painted Red).

Our Regular Price $4,695.00

December Special $4,450.00

1- New 1992 Hillsboro 24' Flatbed Gooseneck Trailer w/Flip Up Beaver Tail & Loading Ramps, 12" Cross Member Spacing, 2-5/16" Ball Coupler, Two Axles With Electric Brakes, 7.50 x 16-10 Ply Tires, 14,250# GVW, Safety Brake Away Switch, Steel Battery Box, 12 Volt Well Cell Battery, PA State Inspected & Completely Serviced. (Trailer Painted Black).

Our Regular Price $4,895.00

December Special $4,650.00

1- New 1992 Hillsboro 28' Flatbed Heavy Duty Gooseneck Trailer w/Flip Up Beaver Tail & Loading Ramps, 2-5/16" Ball Coupler, Two 9000# Axles With Electric Brakes, 8.75x16.5-10 Ply Tires, 21,270# GVW, Safety Break Away Switch, Steel Battery Box, 12 Volt Wet Cell Battery, PA State Inspected & Completely Serviced. (Trailer Painted Black).

Our Regular Price $7,395.00

December Special $6,950.00

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NEW YEAR - CLOSED FRIDAY & SATURDAY, JANUARY 1 & 2, 1993

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Located in the Village of Farmersville

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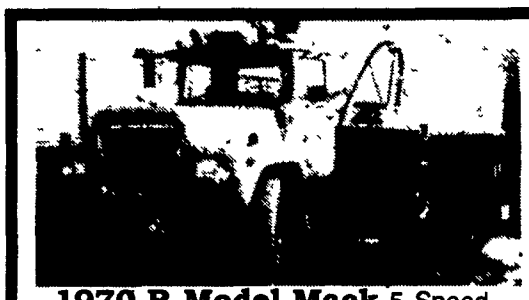

1970 R Model Mack 5 Speed, Air Ride, 237 $3500

1985 Travis Frameless Dump Trailer, 36 Ft. Roll Over Tarp, Alum. Budd Wheels, Very Good Condition, $15,000 Financing Available

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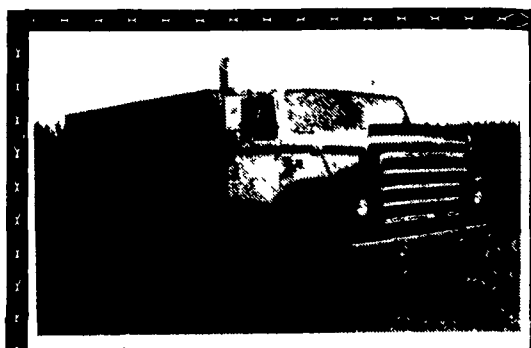

1981 IH grain truck with new 19-ton hoist and 18 ft. bed, 240 cum. engine, 7 spd. trans., $15,700 OBO.

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DIRECTIONS TO OUR MIDDLETOWN STORE- On your road map, we are on Route 230 mid way between Middletown & Elizabethtown. Take the Toll House Rd. exit off Rt 283, turn and go to stop at Rt. 230, go east on 230 1-1/2 mi on the right.

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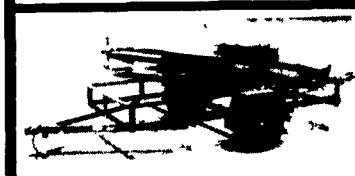
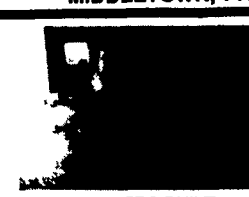


4x8, 5x10, 6x12 UTILITY TRAILERS STARTING AT $499



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10,000 Lb MGTWR, In Stock For Most Domestic & Import Pickup Trucks & Vans
FOR MOST POPULAR FORD CHEV & DODGE PICKUPS and FORD EXPLORER KIT
OTHER APPLICATIONS UP TO $99.95

$79.95

AUTOBODY PARTS, PAINTS & SUPPLIES

- 73-79 CHEVY, FORD, TK FENDERS $39.95-$49.95
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- ACRYLIC ENAMEL PAINT AS LOW AS $28.95
- URETHANE HARDENER DOES A GAL. $12.95
- SANDPAPER-6" DA SELF ADHESIVE, 100 PER ROLL LOW AS $16.50, ALSO DRY BACK DA, WET & DRY SHEETS, LONG FILE!

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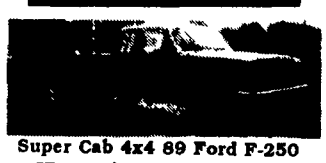
88 Ford F-250 Super Cab
Only 43,000 Miles, Fuel Inj., 300 6 Cyl., 5 Spd., 8800 GVW, Real Clean
Only $8,900

Drywallers - Landscapers Fold Down Sides 89 Ford F-450
Super Duty Dump 27,500 Miles, 460 E.F.I., 5 Spd., 12 Ft. Dump Bed

4 Door 4x4 92 Ford
F-350 XLT Lariat, 14,000 Miles, 351 f.i., AT, O/D, All Options, A Beauty
Also 91 Chevy In Stock



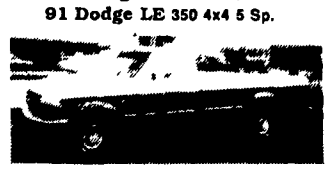
Super Cab 4x4 89 Ford F-250
XLT Lariat Perfect, Only 42,000 Miles, 351 F.I. 5 Sp., O/C, A/C, Dual Tanks, Ready To Go

Work Truck
Cummings Turbo Diesel
91 Dodge D-250
¾ Ton AT, A/C, Vinyl Seat & Floor Mat, 26,000 Miles Real Clean

Diesel Super Cab, 2 Wheel Drive
90 Ford F-250 XLT Lariat
Captain Chairs, 7.3 Diesel, 5 Spd., AC, Tilt, Cruise, Run. Boards, Custom Wheels, Black Finish, A Real Looker

89 Ford F-350 Super Cab
Dually Perfect Only 49,000 Miles, 7.3 Diesel, 5 Spd., AC, Dual Tanks, Lots Of Pulling Power

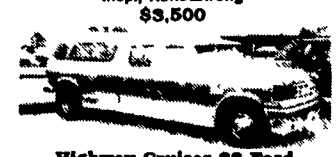
Cummings Turbo Diesels With Intercooler
91 Dodge LE 250 4x4, AT
91 Dodge LE 350 4x4 5 Sp.



Diesel 2 Wheel Drive
92 Ford F-250 XLT 7.3 Diesel, 5 Spd., A/C, Dual Tanks, Tilt, Cruise, 11,600 Miles

Hot Shot 89 Ford F-600
Cab & Chassis 5th Wheel Plate, Ready To Tow, 429 V8, 10 Speed Trans., 28,000 GVW, 30,000 Original Miles

Farm Truck 83 Ford F-250
6.9 Diesel, 4 Spd, New Insp., Runs Strong
$3,500



Highway Cruiser 88 Ford F-350 4 Dr. Dually
Beautiful Centurion Conversion Only 37,900 Miles, Loaded To The Max

4x4 80 Chevy 3500 Super Cab Dually 35,000 Miles, 454 f.i., Auto, A/C, Loaded, Silverado, Good Tow Machine

Rollback 86 Ford F-350
45,200 Actual Miles, Diesel Power, 4 Spd., A/C, 17 Ft. Aluminum Bed

Super Duty Stake Body Dump 90 Ford F-450
7.3 Diesel, 5 Sp, O/D, 23,500 Dual Tanks, 5.13 Rear Axle

Box Truck, Cummins Turbo Diesel 91 Dodge D-350 W O/D, Famous Cummings Diesel, AT, AC, 18,500 GVW, 12 Ft. Box

Chassis Cab, 87 Ford F-350
Nice & Clean, 460 e.f.i. AT, AC, 84" Cab To Axle, 11,000 GVW

Chassis Cab 92 Ford
F-350 XLT Only 100 Miles 7.3 Diesel, 5 Spd., A/C, 60" C/A, 11,000 GVW, Brand New 3/36,000 Mi. Warranty

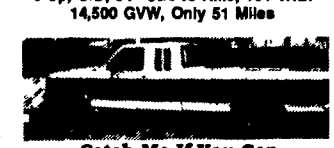
4 Wheel Drive Cab & Chassis 90 Ford F-350 137 Wheelbase, 60 C/A, 11,000 GVW, Fuel Inj., 460, AT, AC, 35,000 Miles

Box Van, 89 Ford E-350
Excellent Cond. Only 45,000 Original Miles, Fuel Inj., 351 AT, 14 Ft. Aluminum Box With Storage Attic Over Cab

Big Truck - Low Bucks 77 Ford F-500 Chassis Cab V8, 2 Speed Rear, 17,400 GVW, 84" Cab To Axle, Perfect For Cattle or Grain Body
$2,900

87 Chevy 30 4 Door Dually
This Ones Got It All, 454 f.i., AT, AC, All Pwr. Options Gooseneck Hitch

Super Duty Chassis Cab, 92 Ford F-450 7.3 Diesel, 5 Sp, O/D, 84" Cab to Axle, 161 W.B. 14,500 GVW, Only 51 Miles



Catch Me If You Can Banks Turbo Charged 89 Ford F-250 Super Cab, 7.3 Diesel, AT, AC, Limited Slip Axle, Gear Vendors Overdrive

Rear Lift Gate 88 Ford E-250 Hi Top Van Rear Lift Gate, Roll Up Back Door, Dual A/C, 28,000 Actual Miles

1000-1500 acres of very productive farm land. Area grows hay, grains, potatoes, sugar beets Located in beautiful Magic Valley, close to hunting, fishing and skiing. All flat Irrigated by pivots except 200 acres 16 miles south Burley, Idaho. Would make ideal dairy farm (208)862-3629

20 acre farmette including 4BR home in good condition. Spring Glen, PA, $99,000. Call Chuck Workman, Century 21/Ryon Real Estate, (717)628-4500 or (717)628-4767.

71 ACRE HORSE FARM, Dillsburg, PA: Remodeled 3BR, 2½ baths, diningroom/den, livingroom, stone/vinyl, 2 deep wells, new 14 stall training stable w/indoor fand training ring, large wash bay, heated/AC tack room, 4 stall stable, large bank barn, plus garage. Principles only. 717-432-4406

Attention Investors! Large modern building for sale. Bldg. currently houses 5 different business with ample rental income Located on a major route with high visability in Bradford County, PA., 3 acres of land, low taxes, 6,228 square feet, nat. gas heat, well, septic. New addition added in 1985 with remainder compeltely updated Call Henry Dunn real estate at (717)673-5525 or Jody Martin at (717)297-4525 for aditional information.

BRADFORD COUNTY -CANTON- 500A Dairy Farm, 36x168 fully equipped barn, (3) silos, rolling fields, many extras All for $550,000. Call Mary Lou Klem, HENRY DUNN, INC 1-800-326-9395; 717-928-8662

BY OWNER -BEST PLACE TO RETIRE -Berks Co, PA. Small fee for maintenance, insurance, 2BR, 2 baths, garage 215-373-8273

Clinton County. 142 Acre Farm 40 Tiestall Barn w/ Milkline, Silo w/Unloader, Implement Shed, Heifer Shed, 4BR 1½ Bath Farmhouse. SALE OR RENT. 717-769-6445 Days 717-769-6035 Evenings.

COUNTRY RETREAT, 145 acres, 2 acre pond house w/5BR, fireplace, satellite TV, adjacent 1600 acres PA Game Lands. Respond to: P.O. Box 301, Selinsgrove, PA 17870.

Couple interested in purchasing medium to large dairy farm in Central, PA. Prefer lease option. Call 814-684-2020 after 6PM.

FARMS WANTED: Are you planning on buying, relocating or selling your farm or land(s)? Give the experienced people at HEYWORTH REALTY a call We are QUALIFIED AND EXPERIENCED in farm/land sales and have all types of farms for sale. For information Call or Write Lawrence Stouffer, HEYWORTH REALTY, 1300B Dual Highway, Hagerstown, MD 21740 301-733-3701 Office, 717-597-2584 Eves.

FOR RENT 60 Acre farm Bank barn, 37 tie stalls, 36'x72' equipment building Perry Co 717-582-2093.

FOR RENT: Clinton Co. Farm, limestone soil, 170 acres, 120 tillable. Newer house, 36 tie stalls, pipeline 2 16x50, 1 10x30 silos, feed available, ready to go 215/444-5882

FOR RENT/LEASE: 2 acre farmette, meadow, stream, barn, shop, double two-family farm house. Call (717)733-7828.

FOR SALE: Spacious 3 bedroom updated rancher on 1 acre in Perry County. Large rooms. Call ERA GARMAN REALTY 717-249-7200.

Indiana County General Farm 122 Acres 6Room Stone House Free Gas. Pond, Barn, Machine Storage Building, Heated Shop More Acreage Barns and Machinery Available 412-254-4250

JUST LISTED Central NY Dairy: 55 stanchion operation, plus heifer barn; includes milking equipment and barn cleaner. 5/6BR house plus 3BR mobile 104 acres w/productive 15+ acre gravel bed Possibility of more tillable land. Price to sell at $139,900 w/owner financing. Memory Hopkins Real Estate, (315)834-6121, PO Box 1094, Weedsport, NY 13166.

LANDOWNERS— CONVERT YOUR LAND INTO A GOLF COURSE! Golf course contractor will assist you in planning, design and building Call 717/421-8184.

Mifflin Co. Dairy Farm 85 acres, 70 tillable, 35 stalls, 42 free stalls. (2) 20x60, (1) 14x50 Harvestore silo. 1200 gallon bulk tank, 2" pipeline. Large 5BR house, 2 full baths. (813)365-2505 or (717)935-2057 after 6

New Listing! 39 7 Acres, 3 large barns, all set for the beef business, includes 1986 14X70 3BR Mobile Home, real nice, 2 good wells plus springs looking over beautiful Lake Nephawin Canton School District. Only $84,900, Henry Dunn Inc. 717-673-8713

Snyder County 80 acres, 30 tillable, 2½ story home, small barn, pond, $159,900 10 acres, ranch home, and 40x80 metal building, 6 years old, $155,000. Integrity Real Estate, (717)966-3851

Southern York County 180+ acre farm, 4BR, 2 bath house, large bank barn, stalls, other buildings. (717)927-6564

TIOGA CO PA 2 story hunting camp on 22 acres, near thousands of state acres, Morris, PA $79,900 Call Liberty Real Estate Co., 717/324-2540

UNION COUNTY 19A, 2 story house, barn, pond Ideal for horses or businesses. 1½ mi north of Mifflinburg, $150,000. 717/966-3750

WANTED: Dairy farm around 150 Acres, must be set up for dairy. Write: R-65, %Lancaster Farming, POB 609, Ephrata, PA 17522.

WANTED. Farms or farmland in Lancaster area. Call David Charles at David L Charles & Associates (717)569-3131

WANTED in the state of NY, farm that will carry a 300 cow/calf beef operation Please call Larry, 8am to 8pm 718/851-0288

WANTED TO BUY Established Sawmill on 2 or 3 Acres for Custom Sawing Saw Size 48" to 60" No House Necessary Prefer Pennsylvania 904-685-2826.

FOR SALE 10-12 acres woodland, $2300/acre Juniata Co. 717/734-3125

FOR SALE. 75 acres in Nippenose Valley, Lycoming County, PA. 40 acres clear. No buildings 717-745-3505

FOR RENT
CENTRAL LANCASTER CO. FARMETTE
Amish Area
Set Up For Chickens, Produce Or Tobacco
717/656-2448
(leave message)

Looking For Farm In Manor Twp.
30-100 Acres
Respond to:
G104
Lancaster Farming
PO Box 609
Ephrata, PA 17522

LEROY HIBBS REAL ESTATE
(717) 837-0265

13 Ac. partly wooded lot, stream, hunting/building site, 1000' along Rt 225, 40 miles north of Harrisburg **$12,500.**

HOG FARM 500 capacity, all equipment included 4 BR house, barn, concrete manure pit, 30,000 bu. grain bins 5 to 80 acres available Snyder Co. **$115,000.**

99 ACRE CUMBERLAND COUNTY DAIRY FARM
30 Tie Stalls, Room For 30 Loose Housing, 2" Pipeline, (1) 12x55 Silo w/Unloader (2) 8x35 Silos, Heifer and Hog Building, 24x60 Machine Shed, Beautiful 4 Bedroom Farmhouse, Cabin and Other Outbuildings. $250,000
717/776-4121

Call or write for our listing, or see our local listing in Lancaster Farming's December 5th Issue.

Longacre

Paul M. Longacre Real Estate
Rt. 100 Hereford, PA 18056
215-679-5919

Elegant brick home circa 1815 surrounded by 50 protected beautiful acres in Northern Adams County, PA. Museum quality restoration, National Historic Register. Post and beam barn in excellent condition. Rare and wonderful. $345,000.
Connie Newell
ERA ANDERSON REAL ESTATE
(717) 766-0055

Northumberland Co.
Watsontown
147± Acre dairy farm located N. of Route I-80. 2½ story home with small dairy barn. 130A tillable Edom soil.
Looking For Dairy Farms!
Call Harry Zimmerman
Office: 717-299-4885
1-800-472-2641
Car: 717-575-2542
TOWN & COUNTRY REALTY

WANTED TO BUY 150-300 Acre Track of Farm Land. Dauphin, Cumberland, Lancaster, Juniata, Lebanon, York, and Perry County 717-761-4646

West TN farm, 58 acres, 4BR house, barn, ponds, etc, $38,500, more available up to 1545 acres No realtor (717)469-1007.

TO BUY OR SELL FARMS
In Eastern Pennsylvania
HERSHEY FARM AGENCY, INC.
Thomas Hershey, Realtor Associate
Hiram Hershey, Realtor/Broker
1-800-346-0505 (PA only)
215-287-8888

NEW LISTING
10 acre farmette in Berks Co. 3 BR frame home, and other outside buildings. All tillable. **Only $159,000.**
Call Paul E. Martin
(717) 733-3305
Red Rose Realty

LAND FOR SALE BY OWNER
DANVILLE, VA. AREA
5 Acre To 900 Acre Tracts
Farmland, Commercial, Residential
Financing Can Be Arranged
804/793-1392 Or
804/836-2611

HUNTERDON COUNTY - NJ
131 acre working farm protected by farmland easement, in area of conservation lands. Presently beef and horses with 110 acres cropland. Bank barn w/box stalls, 2 Morton buildings, carriage house. Cross fenced pastures w/streams and pond. 9 room 18th century restored colonial w/ master suite and apartment. Asking $785,000.00.
908-782-6006

FOR RENT
Dairy Farm 100 Cow Free Stall Barn w/Gravity Flow Manure Pit. 2 Silos, Heifer Barn With Or Without Farm Machinery And Housing Available.
301-689-6432
Leave Message.

DAUPHIN COUNTY
91 Acre Amish Dairy Farm
40x120 Barn w/43 Stanchions, Manure Pit and 16x70 Silo, Horse Barn, Heifer Shed, Large Farmhouse Plus Tenant House
GIDEON D. LAPP
328 Lebo Road
Millersburg, PA 17061

FARM FOR SALE
(Northumberland Co.)
170 Ac = Approx. 90 Tillable, 70 Woodland
Unique 1850's restored brick 2-story farmhouse, oil fired W.A. Ht., central AC, 4 BR, formal DR, LR, new cherry shaker kitchen, alt. ht. source, coal stove in LR; restorable summer house, 2-car garage, block barn (10,000 sq. ft) new 1985.
Phone: 717-538-2879
"No Realtors"
Asking $335,000
"Serious Inquiries Only"

Thinking of marketing your farm?
You need to call on the experience of Harry Zimmerman for professional confidential service.
Specializing in tax deferred exchanges
TOWN & COUNTRY REALTY
717-299-4885 Office
717-355-2048 Home
1-800-472-2641
717-575-2542 Car Phone

Franklin County, PA
186 Acre Farm, 130 Acres Tillable, 25 Acres Pasture, Balance Wood Lands, Joined by Farm Land or Wood Land on all Sides. No Development. 2 Story, 5 Bedroom House, Barns for 100 Head of Cattle, 2 20x60 Silos.
717-349-2372

FARMS CUMBERLAND COUNTY
95 Acres m/l some wooded, gently rolling, shale soil, bank barn, implement building, log & frame farmhouse Call for details
Land 47 Acres Limestome Soil, Zoned agricultural, several acres wooded, east of Carlisle, Frontage on two roads Call Charles
Charles Wenger, GRI, 263-0945
Wilbert Diehl 776-7707
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

HUNTERS PARADISE! 27 acres with stocked pond & lots of deer for hunting. 2 bedroom frame home with stone fireplace, electric BB heat Garage, workshop & 2 story barn. $149,900
OWNER FINANCING 67.99 ACRES. Stream, barn Fulton County, $135,000
FABULOUS RANCH! Some owner financing Custom built home, in-ground fenced pool 2 story 4 car garage & workshop Showing & fitting barn, large cattle barn Blacktop driveways 50 acres, more land available
HORSE HAVEN, 10 ACRES Equipped for boarding, training & riding in fenced paddocks Only $119,000
Lawrence Stouffer
HEYWORTH REALTY
Of: 301-733-3701
Res. 717-597-2584

So. Northumberland Co. & Surrounding Counties

5 acres, 3 bedroom home, extra large bank barn Also large machine shed or horse barn. Possible Rent Option
10 acres, 3 bedroom home, pond & stream. No Down Possible Rent Option. 47, 100 or 145 acres adjoins this property
145 acres, no buildings, woods, farmland & streams Can be divided. $1,100/acre Owner Financing Available Make offer.
300 steer feedlot, 3 Harvestores, 8 acres newly fenced Owner financing. $77,000 **Reduced $59,000** Owner wants to sell - make offer
100 acres, 60 tillable, 25 pasture, balance wooded, streams, no buildings. No Down or Rent Option $140,000
47 acres, mostly clear farm land, stream thru, excellent for Christmas trees. No Down or Rent Option $69,000
18 acre wooded lot, road frontage $29,000 No Down
Amish area, corn to be taken off this week 150 acres, 8 bed room home Pasture w/stream. Possible owner financing

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS
Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.
See the
November 28th or October 31st
issues for a complete farm and farmette inventory.
Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 466-2118

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St.,
State College, PA 16801
(814) 234-4000

Susquehanna County:

125 +/- acres, large hunting cabin, large barn, state stock stream AAA. Mobile home. Plenty of timber. $225,000

No Brokers Please!

215-345-5124

YORK COUNTY -Magnificent 220 acre farm north of York with 2 restored brick farm homes, 2 barns, 40x90 building, numerous other outbuildings, pond & more. Possible dairy or horse operation

Call 1-800-735-3253
CENTURY 21 Dale Realty Co.

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45 ACRE FARM

FULTON TWP. Ideal for horses, cattle or crops. Large workshop & barn. 35 Acres tillable, 10 acres pasture with stream. Great location. $269,900. ML#82236.

80 ACRES... general barn, new 40x50 workshop, new spring water system, 50x80 barn, 2 story nine rm. home along branch of Juniata River. Bedford County on Route 31 2 miles E of New Baltimore. $165,000. ML#80841.

113 ACRES, Dairy farm, with 93 acres tillable, stanchions for 51, excellent cropland. Somerset Co. 1 mile N.W. from intersection of 219 & 653. $110,000. ML#80842.

Century 21

Willow Street
717/464-4700
Quarryville
717/786-2131

AMERICAN HERITAGE

POSSIBILITIES GALORE come with this property. 2 bdrm apt. w/room for 2 more 3000+ sq ft of warehouse (2 sty.), barn all on 34+ acs. $42,500 W-899

SPORTSMANS DREAM 9.98 acres wooded & open, level & perked! Borders State Forest on the end of a private road Priced at $18,900 W-901

ERA

ERA Homestead Realty
23 East Ave.
Wellsboro, PA 16901
800-879-1590

PICTURE THIS: 60+/- Acres ready for your home, mobile, or lodger Electricity, Septic & Spring $75,000 M-607

GENTLEMAN FARM: 4 Bdrm, 2½ bath renovated colonial farmhouse Cozy fireplace in country kitchen. Barn, pond, fruit trees & trails on 41 ac. $139,500. M-610.

ERA

ERA Homestead Realty
1 N. Main St.
Mansfield, PA 16933
800-688-2220

NORTH CENTRAL PA 6 rental units in commercial area of Blossburg with Main St. frontage, exc. investment, asking $125,000 #1232.

Exc. income property, 7 units + garage on 21.3 acres, close to town, call for details, asking $130,000 #1228.

50.96 ac with old home, nice mix of open & wooded land, would make nice horse or beef farm, asking $52,500 #1197.

58.33 ac, small stream, exc. hunting, nice views, mostly wooded, large older bank barn, $58,000 #1196.

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OUR 3 9% DISCOUNT COMMISSION OPTION HAS MAJOR ADVANTAGES.

1 You can save a considerable amount of money by choosing our 3 9 % option instead of paying 6%-10% commission
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c Make contact with prospects seeking *properties like yours*
d Negotiate terms and conditions with buyers
e Prepare Deposit Receipt and Agreement of Sale
f Escrow money deposits
g Handle all the many details that come up unexpectedly
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PERSONALIZED SERVICE. NO HYPE. NO PRESSURE.
Results speak for themselves

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State College (814) **231-8540**
John Petuck – Broker

BEDFORD COUNTY FARM FOR SALE

2 Connecting Farms, Mennonite Area, Along Hard Road. Acres On Farm #1- 278, Farm #2- 147. 2 Homes, 4 Barns, 3 New Large Silo And Feeder Systems, Excellent Condition. All New Electrified Fencing. All Buildings In A-1 Perfect Condition. Plenty Of Pasture And Tillable Ground. Streams Run Through Pastures. No Real Estate Agencies Please. Appraised Price **$900,000,** Price Negotiable.

Call Mon.-Fri., 9-4
Must See To Appreciate
1-800-28-ANGUS

LEBANON COUNTY

1 mile east of Richland. Choice limestone farm, level land and in high state cultivation. Large barn and special farm house with deck, swimming pool and screened-in sun room. 112 acres. Will consider trade. ML81785.

Call Mr. Denlinger at
KINGSWAY REALTY
(717) 569-8701

PERRY COUNTY

31 acres of wooded seclusion w/creek frontage near Blain, PA. Close to State Game Lands ready to build your home! No deed restrictions — septic, electric, well & driveway installed! $75,000

Farmette w/18 acres near Blain, PA. 2½ story home w/new oak kitchen 200 AMP Service Barn, outbuildings & stream $109,000

A little slice of heaven can be yours! This stone 2 story is privately set on 20 acres m/l in Newport Wonderful property for steer/horses Fenced pasture, 3 barns, stream A 5K home $179,900

This property is opportunity plus! Here's your chance for business, home & income in one Approx 100 fruit bearing trees, apt over garage, steel & block bldg w/200 amp was welding shop Duncannon *Seller Financing* 5K $115,000

Farmette w/6 acres near Blain w/2 story home, barn, new well in 1988 $69,900

Century 21 PACE/PACE

Business
(717) 582-8104
Business
(717) 957-3866

ROY K. HARTMAN REAL ESTATE
RD 1 Box 204-B, Coudersport, PA 16915
(814) 274-0311

369 ACRE DAIRY OPERATION, 250 acres tillable, fronts on hard road, large home along with another home for hired help or manager. Located in heart of dairy country in Potter County. Priced to sell at only $333,990. Extra large barn, silos, and some machinery. Owner will negotiate for extras and cows! #167-68.

LARGE DAIRY OPERATION with 160 cows, machinery, milking parlor, home, barn, 5 large silos, and close to 400 acres. Well priced at $650,000. Come see—MAKE OFFER! #165

310 ACRES FIELDS, WOODS, STREAM, and large 3 or 4 bdrm home, large barn, 125 acres tillable. Close to NY Line in Bingham Twp. Potter County. Priced to sell at only $155,000. #196.

NEW YORK FARM with over 300 acres fields and woods, older farm house, large barn, silos. Fronts on hard road just minutes south of Wellsboro. Reasonably priced at $139,000. Owner wants to sell!!! #151.

GOOD FARMS!

#1139- Great buy for someone wanting to milk cows and purchase feed. Like new 100 tie stall barn, 2" pipeline, 1250 gal. tank, large silo, hay storage. Nice 3 bdrm. home. 90 acres located in good farming area. Buy feed locally and reasonable or plenty of land for rent. Close to schools and shopping. Price reduced to $150,000.

#1232 - Cortland County Farm - nice location, good bldgs., 84 tie stalls, 2" pipeline, 3 silos, machinery bldg., heifer barn, 8 room home. 200 acres more land available. $225,000. $95,000 down bal. assumable mortgage. Dairy and equipment available.

#1076 - Oneida County - exceptionally good farm. 360 acres, 170 tillable, the very best land - mostly flat. Lots of improved pasture. 100 cow conventional barn, 2" pipeline, 1000 gal. tank, 24x50 silo, large hay storage, pole barn for cattle or storage. Two houses. This is a very good farm with bright future for development. Owner reduces price to $280,000.

Free farm list on request!

POSSON REALTY
R.D. #3, Norwich, N.Y. 13815
(607) 334-9727

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89 ACRE FARM
Schuylkill County

Shadowed by world renowned Hawk Mountain, this picturesque, serene farm features a renovated stone & frame farm house, 4 car garage, large well maintained bank barn, and run-in barn. Nice mix of fertile fields, woodland and pastures with a stream, entice even the most discriminating individual to this piece of tranquility. Ideal for horses, beef, or general farm. Owner is willing to divide property. $475,000.

Additional information and photos available upon request
Over 20 Other Farms Available

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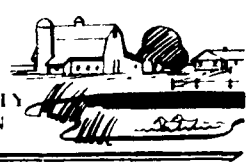
FARM & RURAL PROPERTY DIVISION



THE ADVANTAGES OF LISTING YOUR FARM WITH A RESIDENTIAL REALTOR

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THE ADVANTAGES OF LISTING WITH A PROFESSIONAL FARM AND RURAL PROPERTY DIVISION:

- ☑ Quality Advertising
- ☑ Professional Brochures
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- ☑ PA Sportsman Show Display
- ☑ Computer Deed Plots
- ☑ Measurement of ASCS Photos
- ☑ Knowledgeable About Soils
- ☑ Maximizing YOUR return

If you want the best professional farm real estate service available in Central PA, we would be pleased to be of service to you

Many farms, farmettes and land parcels available. Call or write for free lists, of see our bi-weekly Lancaster Farming inventory ad in the December 5th issue.

---

22 ACRES SE LANC. CO. beautiful building site overlooking historic farm with pond. Mostly wooded, level ground. $124,900.

18 ACRES IN HORSE COUNTRY, in Highland Twp. Ches. Co. Panoramic view of farmland valley. All tillable. Asking $162,000.

45 ACRES w/STREAM So. Lanc. Co. near Wakefield. 5 Br frame house. Level ground fronts on Route 272 across from Powl's feeds.

GEORGIAN MANSION in great condition on 5 acres in rolling hills of SW Ches. Co. Seven (7) fireplaces. Has separate in-law or maids quarters. $389,900.

BOWMANSVILLE BUILDING LOT 1.9 acres partly wooded with stream. 1 block off Rt. 625. Very picturesque. Public sewer. $49,900.

ROBERT T.
COATES Ltd.
REALTOR

(215) 932-5484
(717) 442-4134
(717) 291-1542

ERA **ACCORD REALTY INC.**
737-6333
U.S. Rt. 15 & Linda Lane, Camp Hill, PA

CUMBERLAND COUNTY

Are you looking for a level farm? Dairy, beef, horse or ? 123 ac m/l, modern buildings approx 17 yrs old, 4 BR cape cod house

Only $275,000

For Details Ask For Ed Meyer
717-737-6333 Office
717-243-1030 Home

Clip and Save This AD!

Bedford County, PA

57 acre farmette, buildings in very nice condition. Approx. half open and 1/2 wooded.

10 acre farmette, quiet country setting, "Dutch Corner" area, stream through property.

Call or write for details

C.A. Brandt
RD #5 Box 352, Bedford, PA 15522
(814) 623-1159

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Approx. 170 Acre Nursery and Christmas Tree Farm. Turn-Key Operation-Complete. Since 1946. Quality known nationwide

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Six heated greenhouses attached to a 4,000 sq. ft. block building with walk-in cooler, 3-bay garage and retail/work/office areas, 3 bedroom apartment above on one end, and 4 bedroom apartment above on opposite end.

Reading Area $295,000

RICH BRANDT FARM REAL ESTATE
2033 Penn Avenue, West Lawn
Reading, PA 19609
(717) 274-3622 - office - (215) 678-1122

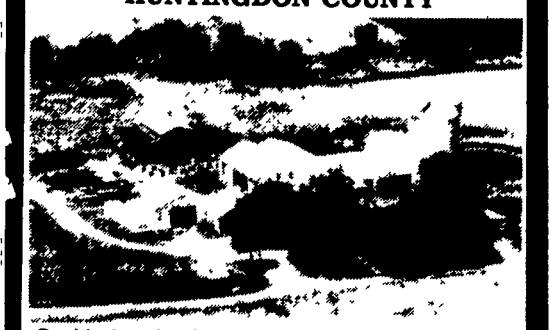
SOME CURRENT LISTINGS

* 170 acre dairy farm, 60 tie stalls, 4 silos, young cattle, housing, implement storage and 3 attractive homes.
* 132 acre general farm, limestone soil, 19th century stone house w/100 yd. set back.
* 95 acre secluded farm w/creek frontage, ideal for horses, cattle or hogs.
* 89 acre dairy farm w/60 tie stalls, 4 silos w/ unloaders, pipeline and plush 2-story 4 BR, 2½ bath brick house.

Call John Niesley for consultation

(717) 531-2807
MOYER COMMERCIAL
Div. of Moyer Realty Assoc., Inc.
261 W. Chocolate Ave., Hershey, PA 17033
(717) 534-1991

LARGE DAIRY FARM - HUNTINGDON COUNTY



Double 6 parlor, free stall barn, dry cow barn, heifer barn and calf facility. 3 silos, manure lagoon, computerized feeder, 2 houses and mobile home. 600 acre operation (188 acres owned plus 425 acres leased land) Level to slightly rolling and 80% prime soils. An excellent farm for multi-family or the large operator. Owner says sell this fall-will do some financing.

Marlin H. Fields Real Estate
101 North Wayne Street
Lewistown, Mifflin Co., Pa.
Office 717-248-5451
Dallas Will, GRI, Farm Specialist
Home 717-543-5685
Rachel Port Home 814-669-4194

DEMEREE REALTY

Rte. 3 Box 91H
Little Falls, NY 13365
Phone & Fax (315) 823-0288

George Demeree, Broker

#101-A GREAT INVESTMENT OPPORTUNITY! 445 acres w/9000 ft. of road frontage - A working dairy w/150 ac. tillable, 212x36 ft. 2-story barn w/76 ties & barn cleaner, pipeline & 800 gal. bulk tank. 60x32 ft. heifer barn - 125 acres of woods, a one acre pond plus smaller pond, 2 streams (one stocked w/trout), add to the recreation value of this property listed @ **$285,000**

#162 - 560 ACRE DAIRY FARM with 260 tillable - 160x84 ft. free stall barn w/42x80 ft. addition for 150 head - also 36x120 ft. barn for 50 head w/barn cleaner - 40x100 ft. barn for 50 head with ell for 28 heifers - also nursery for 24 calves - double-six computerized milking parlor & TMR - 24x70 ft. concrete silo & 24x40 ft. Harvestore - good 9 room home w/6 BR & 1½ baths - listed at **$395,000 bare & $660,000 equipped.**

#304 - 178 ACRE DAIRY FARM LOCATED IN AMISH COUNTRY. 130 acres tillable, 52 cow tie-stall barn plus 30 heifer stalls, 3 silos & huge 8 bedroom farm home. Offered @ **$187,000.**

#315 - NEW LISTING: 266 ACRE COMMERCIAL OR CROP FARM with 200 tillable - 20x80 ft. modular office bldg. w/5 offices, 21/2 batsh & 120,000 lb. Richardson scale w/60 ft. deck, 65x85 ft. insulated & heated Morton bldg. w/metal siding roof & cement floor, an excellent bldg. for repair work - also good 4 B.R., 2 bath home with attached 54x60 ft., four-bay heated garage w/concrete floor. Listed at **$273,000.**

#803 - 70 ACRE DAIRY OR HOBBY FARM w/164x40 ft. 2-story barn w/68 tie stalls, shed on lower side for heifers, 2 in. pipeline w/6 units, 2 barn cleaners, 24x60 & 20x50 ft. concrete silos w/unloa9ders - also 20x37 ft. Harvestore w/unloader, elevators & mixer for TMR - 36x80 ft. heifer barn w/shop & hay storage above - also very good 10 room house w/modern kitchen - an excellent opportunity for the farmer who wants to buy his crops, offered at **$250,000** - more land & house trailer available if wanted.

SANFORD G. LEAMAN, REALTOR

1000 N. Prince St.
Lancaster, Pennsylvania 17603-2736
(717) 393-2437 or 1 (800) 836-8113

LANCASTER COUNTY 45 or 60 acre farm in Manheim area with like new barn, old log house needing restoration plus a modular home, stream, woods, great horse or Amish farm. Call Sanford Leaman for price and location

ADAMS COUNTY Littleton area, Amish farm, great for horses, 130 acres, priced under $400,000 2 homes, hog barn, dairy barn, a great buy! Call Sanford Leaman for details.

LYCOMING COUNTY NEW LISTING This turn of the century home with large bank barn is ideal for your fine antiques or have a bed & breakfast unit in an area of peace and tranquility. The unique woodwork and room sizes make this one of the most spectacular properties I've ever listed It is also ideal for just prestigious country living. Priced @ $275,000.00 with 10 acres m/l & pond.

NORTHUMBERLAND COUNTY 97 acres grain farm with house, barn, and implement shed with small pond. This is a good place to establish a hog or most any special farm operation, however you could purchase the neighboring land of 268 acres and make a great family farming operation. CALL SANDY OR FRED FOR ALL THE INFORMATION ON THIS ONE.

TIOGA COUNTY. NEW LISTING 204 acre DAIRY farm with 130 acres of good tillable farmland. 2 silos, 50 stall tie barn, inground swim. pool and much, much more. Be the first to see this one and BUY IT TODAY. It won't last long on todays market Priced At: $235,000.00.

CHESTER COUNTY This 153 Acre Farm is Ideal for Horses but is presently a dairy farm with 50 stanchions and 50-60 loose housing stables, There are 2 living quarters, lot's of road frontage in an area of other large horse farms and close to race tracks Approx. 6 miles East of Oxford but only 2 miles from Maryland. Call Sandy Leaman for confidential information.

Call Sandy Leaman or Fred Clark to List Your Farm. We Have Many Buyers Waiting For Just The Right Place and Youre May Fit The Bill.

COMPACT DAIRY FARM

CAPABILITY OF TOP PRODUCTION IN AN EFFICIENT 40 ACRE PACKAGE LOCATED 5 MILES SOUTH OF RT. 30 and 6 MILES EAST OF I-83

* Easy Access to Lancaster Markets
* Farmhouse With 3-4 Bedrooms and 2 Baths
* 80 Cow Tie Stall Barn - 1 Story Built In 1980
* 2" BouMatic SS Pipeline
* 1500 Gallon DariKool Tank
* Dry Cow Shed
* Virginia Style Heifer Barn
* Roadside Stand with 2 Walkin Coolers
* Machinery Shed With Heated Shop
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* Harvestore HMC 20x50
* 500,000 Gallon Lagoon
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* Rented Land Available
* Available Financing As Low As $1700/Month To Qualified Buyer

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American Dream, Inc.
Ask For THOM STEIN at
717/757-6676 (office) or
717/252-2001 (home) or
Ask For SAM STEIN At
717/757-6676 (office) or
717/757-2421 (home)

NEW LISTING: LANC. CO.

27.5 Acres (m/l) Farmette, Rapho Twp., 18 T.A., 8 pasture & pond, 2 story 4 BR frame dwelling, gas heat, pole barn set up for beef or horses, rolling terrain, many possibilities!!!

Call Daryl Bollinger For Details 626-9512

YORK COUNTY

Near ski round top, total 180 contiguious acres. Beef operation/ 4 sets of farm buildings on 4 deeds.

#1 - 24 acres - frame house and bank barn
#2 - 82 acres - 44x104 equipment shed attached to bank barn, beautiful 2½ story stone house
#3 - 52 acres - frame house, 6 car garage
#4 - 19 acres - 2464 sq. ft. rancher with 3 fireplaces, 6 stall stone horse barn with 1632 sq. ft. apartment above. Call for details/video.

New Bloomfield Area - Perry County

75 Acre General Farm or 21 Acre Farmette (will divide). Limestone soils w/farm pond. Beautiful rural setting - possible bed and breakfast. 4 Bedroom stone dwelling w/2 bedroom guest house. Inclues 4 fireplaces and deep window sills. Bank barn and implement shed - Centre Twp.

Listing Agent: Daryl Bollinger (717) 626-9512

LANCASTER COUNTY FARMS FOR SALE

#1 10 Acre Horse Farm w/12 stall modern barn and other outbuildings - 5 bedroom farmhouse, 2½ baths.

#2 120 Ac. dairy farm - nice southern exposure, 5 silos, heifer barn, 46x100 equipment shed, room for 80 cows. **LARGE PRICE REDUCTION FOR QUICK SALE.**

#3 305 Ac. estate - This is a most unusual property!! A stately old stone house. Very good income from a 300 sow farrow-thru-finish hog operation. Includes complete feed mill w/60,000 bushel grain storage, etc, etc.

Call for details and video.

Clinton County Nittany Valley near Rt. 80, 111 Ac. dairy w/round roof barn set up for 35 cows. **Unique feature** here is a spring that puts out over 4,000,000 gallons of fresh water per day. This has many potential uses: like fish hatchery, fish farming, etc., etc.

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Smoketown, PA 17576 (Lanc. Co.)
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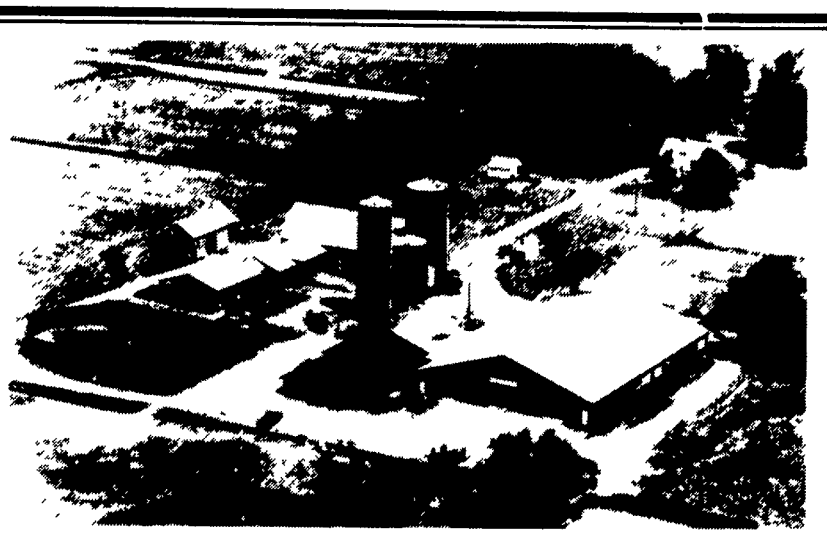

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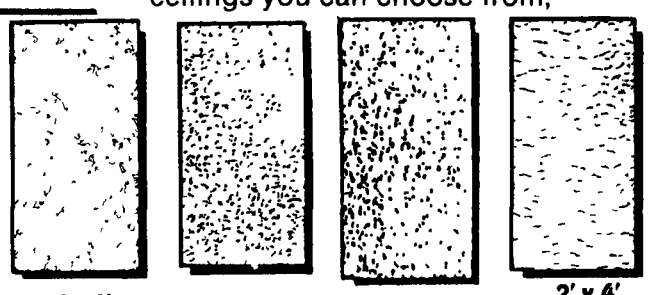

2' x 4' Impressions #1135	2' x 4' RANDOM FISSURED #420	2' x 4' Regatta #1330	2' x 4' Textured #942
•Textured •Washable	•Flexible •Fire-retardant •Acoustical	•Washable	•Fire-retardant •Washable •Acoustical
$2.59 per panel	$2.99 per panel	$1.89 per panel	$2.49 per panel

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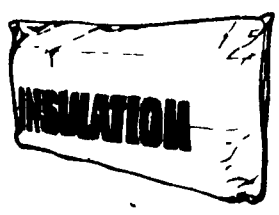
Higher R-values mean greater insulating power Ask us for the fact sheet on R-values



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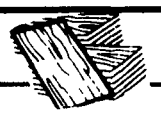

	3/8"	1/2"	5/8"	3/4"
GIS EXTERIOR YP	13.39	15.89	19.79	22.29
CD EXTERIOR	9.19	9.49	13.59	16.59
T&G UNDERLAY	—	—	17.99	18.29

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BARN SIDING • T&G

	6'	8'	10'	12'	14'	16'
1"x8"	2.64	3.52	4.40	5.28	6.16	7.04
1"x10"	3.30	4.40	5.50	6.60	7.70	8.80

• Can be used interior or exterior

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3½" x 15" R-11 Kraft	9.99	88 12 Sq Ft Roll	3½" x 23" R-11 Kraft	15.29	135 12 Sq Ft Roll
6" x 15" R-19 Kraft	9.29	48 96 Sq Ft Roll	6" x 23" R-19 Kraft	14.29	75 07 Sq Ft Roll
6" x 15" R-19 Unfaced	9.29	48 96 Sq Ft Roll	6" x 23" R-19 Unfaced	14.25	75 07 Sq Ft Roll

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DRY WALL

- Ideal to wallpaper paint or panel on
- ½ "x4'x8'..... $2.69
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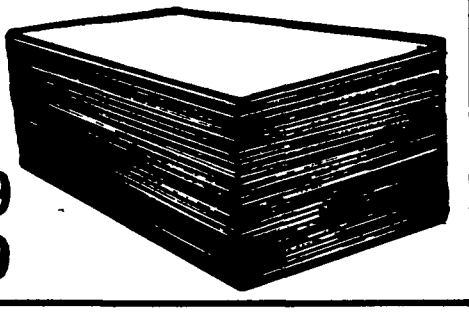

ORIENTED STRAND BOARD

1/4"	7/16"	3/4" T&G
$6.49	$8.59	$16.59

•Interior or exterior use
•4' x 8'

DIMENSION LUMBER

SPF

	8'	10'	12'	14'	16'	18'	20'
2"x4"	1.69	2.39	2.75	3.50	3.95	5.04	5.60
2"x6"	2.92	3.75	4.14	4.90	6.08	7.83	8.70
2"x8"	4.00	4.87	5.92	7.09	8.43	11.52	12.80
2"x10"	4.80	5.83	8.70	10.85	12.13	13.65	15.17
2"x12"	7.84	9.80	11.76	13.72	15.68	18.18	20.20

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All Items Shown May Not Be In Stock At All Locations

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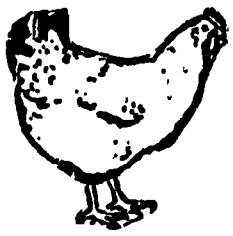
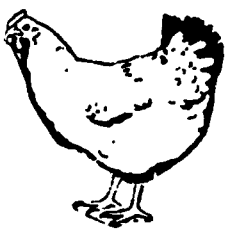


THANKS



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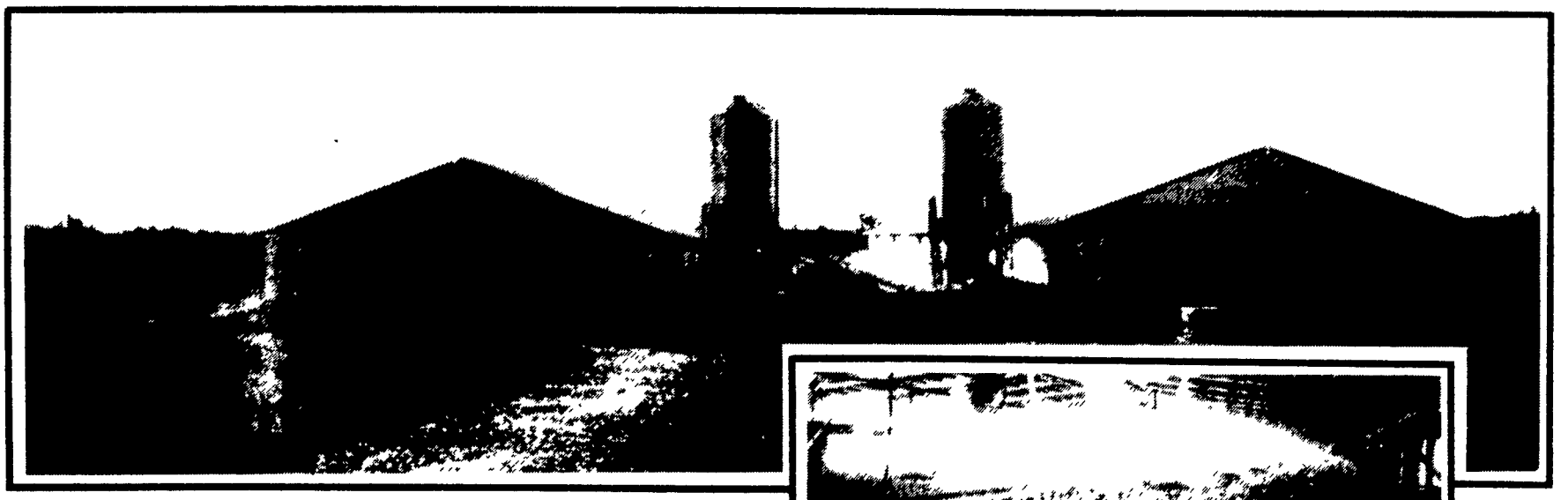

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- ALUMAX Roofing & Siding

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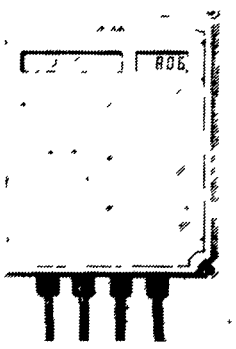
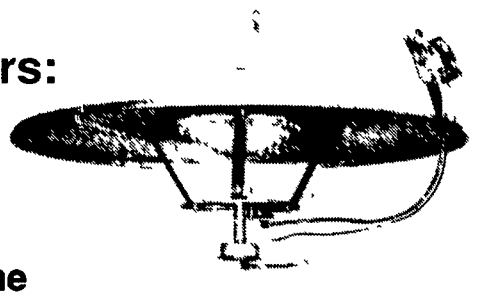


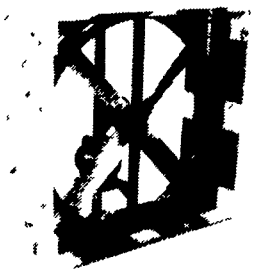
Manages Heaters, Fans, Foggers And Curtains

- Shenandoah Brooders:



Make A Single Adjustment On The Computer Rather Than Adjusting Each Brooder Separately

- ACME TWISTER Fans



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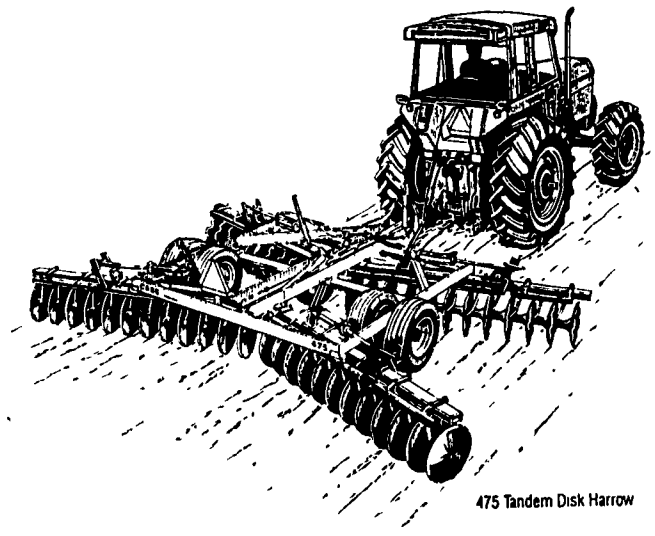

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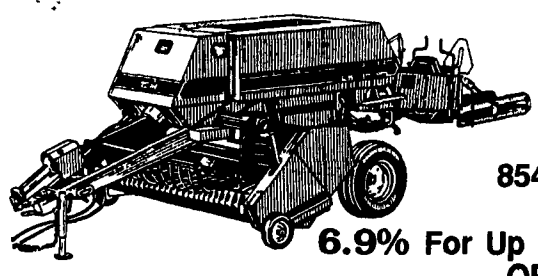
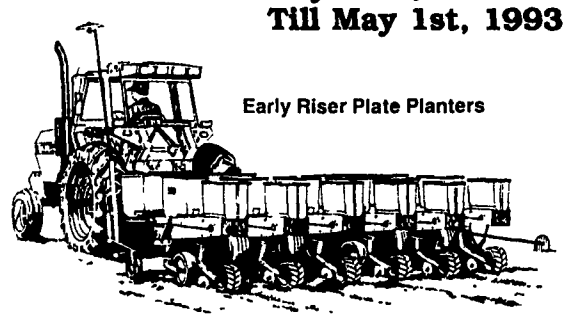
Row Crop 2WD
72 PTO hp (54.0 kW)



Case International

8545 Inline Baler w/Thrower 6.9% For Up To 48 Months OR No Payment/No Interest Till May 1st, 1993



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Model 4160

New Idea rakes control windrow density for "just right" drying.

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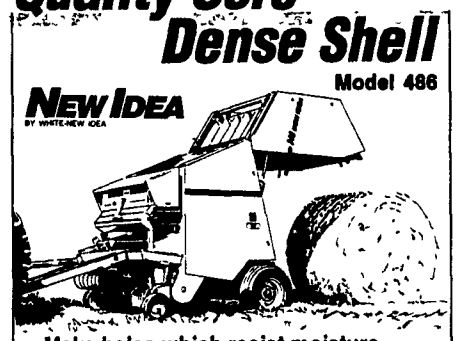

Model 486

Make bales which resist moisture while soft interior promotes curing.

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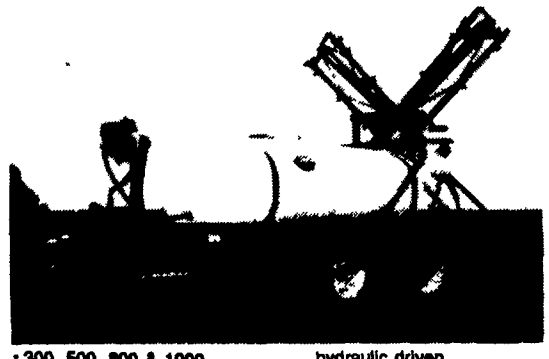

- 300, 500, 800 & 1000 gal. tanks
- MB manual fold boom (air suspension is available)
- Eagle hydraulic fold boom
- Centrifugal pump PTO or hydraulic driven
- EC-SC electric controls with constant pressure
- Some options: top drain, foam marker, nurse tank, chemical filter

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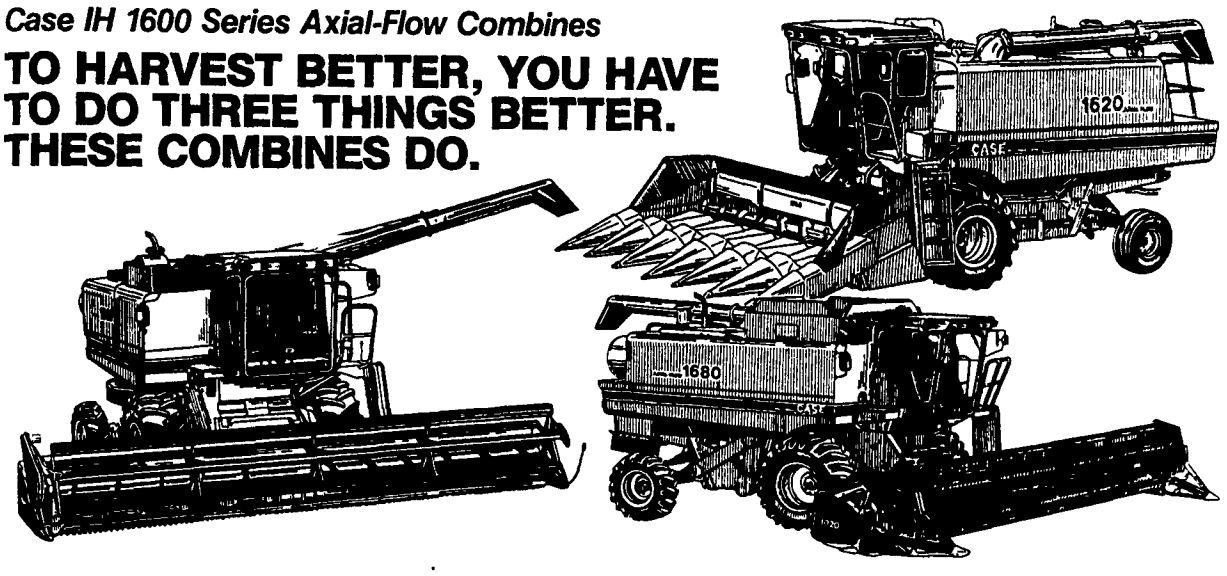
Case IH 1600 Series Axial-Flow Combines

TO HARVEST BETTER, YOU HAVE TO DO THREE THINGS BETTER. THESE COMBINES DO.



CHOOSE THE MODEL SIZED TO YOUR ACREAGE.

- **1620:** A 124-hp unit, with 125-bushel tank, it's an efficient performer for small to moderate acreages.
- **1640:** Rated at 150 hp, carrying a 145-bushel tank, it performs on the upper edge of its mid-sized rating.
- **1660:** Its 180-hp rating and 180-bushel grain tank let it perform with any combine in its size.
- **1680:** At 225 hp, equipped with a 210-bushel grain tank, it's suited to the biggest acreages anywhere.

Your crop is your paycheck. Harvest it better and you get more return on the time, money and hard work invested in it.

Case IH 1600 Series Combines do just that... in the three ways that count most.

One, they harvest faster. They've got the horsepower to move them through the field at top speeds. And their big threshing, separating and grain-conveying capacities easily handle high-yielding crops.

Two, they deliver more high-quality grain. The cage's large separating area distributes material more evenly to the sieves, increasing their efficiency. A variable-speed advanced-design cleaning fan finishes the thorough cleaning process for tops in clean high-quality grain.

Three, they're easier on your crops. With Axial-Flow, the single large rotor threshes your grain, gently...unlike the single, severe threshing action of conventional combines that damages kernels. So gentle, thorough Axial-Flow action means less cracked corn and less dockage at the elevator.

Result: a bigger paycheck.

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on NEW CASE IH 40+ H.P. TRACTORS & COMBINES...

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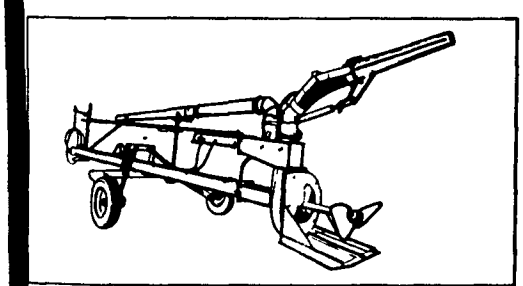
Badger BN185

Souper Trail Pump/Agitator

Badger®



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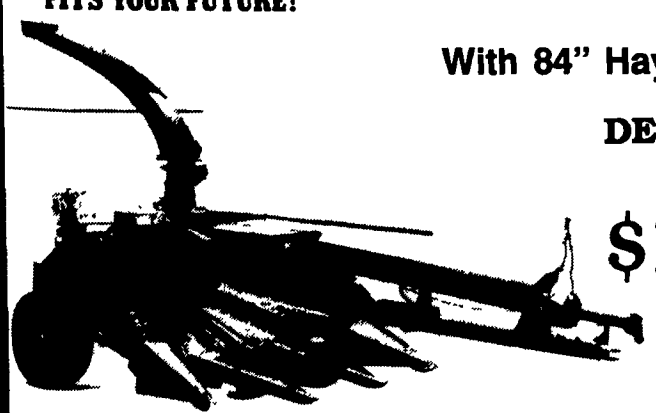

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MAGS Air America, Straight Effort Top Limousins

ENGLEWOOD, Colo. — Limousin came to the North American International Livestock Exposition (NAILE) in Louisville armed with a field of open show entries that was overwhelming in quality.

Magness Land and Cattle of Platteville, Colo., and Flag Springs Ranch of Bonham, Texas and Brazil exhibited the grand champion Limousin female at the North American with MAGS Air America, a 9/2/91 WLCC Turbo daughter out of MAGS Xcitement.

JCL Molly, a 1/24/91 TEXS Ranger Primo daughter out of SWPL Navajo Maiden, was named the reserve grand champion female at the North American for JCL Cattle Co. of Welch, Okla. and Keeler/Turkey/TRAK Ranch of Fairfax, Okla.

Exhibitors, spectators, and judges agreed the quality in the show was second to none. In fact, judge Scott Schakke of Manhattan, Kan., told the crowd it was the deepest set of cattle in terms of overall quality he'd ever had the opportunity to judge.

He and associate judge, Kevin Jensen of Courtland, Kan., emphasized functional type as they sorted through the field of 143 females and 42 bulls. Depth was also found in the genetic representation of the championship lineup as 13 different sires were represented by the 17 division champions and reserve champions.

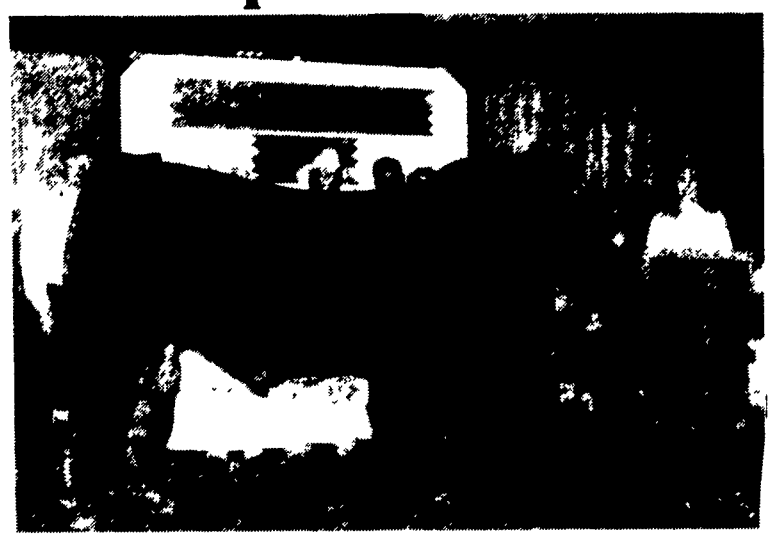
Straight Effort, a 9/12/90 Extra Effort son out of PLCC Victoria, earned Division IV and grand champion bull honors for Straight Limousin of Logan, Iowa; Symens Brothers Limousin of Amherst, S.D.; and Keeton Limousin of Lubbock, Texas. The bull was also named grand champion at the American Royal in Kansas City a week earlier.

Yackley-CMC Limousin of Onida, S.D. and Hooten Limousin of Lennox, S.D. teamed up to show the Division III champion and reserve grand champion bull overall with YKCC Oceanliner 168A, a 4/3/91 Atlantic son out of CMCC Earthshaker.

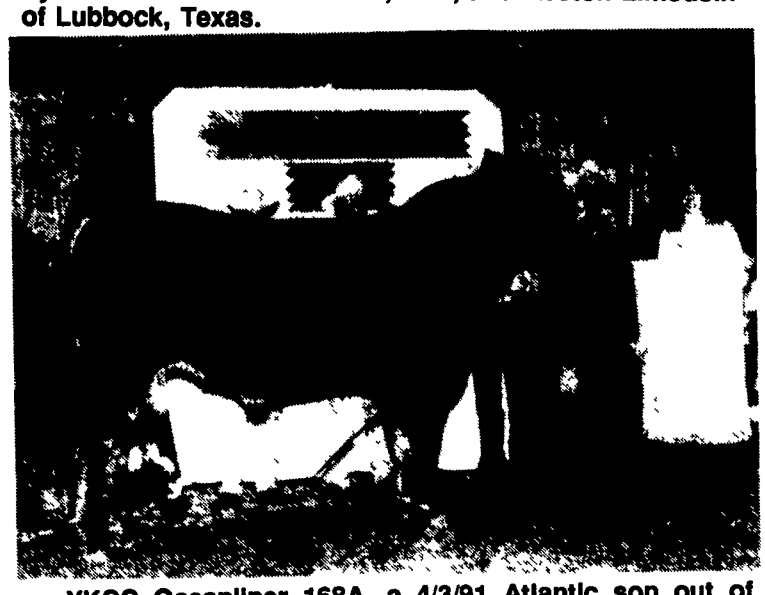
In the female show, MAGS Air America, a 9/2/91 WLCC Turbo daughter out of MAGS Xcitement, earned Division II and grand champion honors for Magness Land and Cattle of Platteville, Colo., and for Flag Springs Ranch of Bonham, Texas and Brazil.

JCL Cattle Company of Welch, Okla., joined forces with Keeler Limousin/Turkey TRAK Ranch of Fairfax, Okla., to show the Division IV Champion and reserve grand champion female overall with JCL Molly, a 1/24/91

(Turn to Page D5)

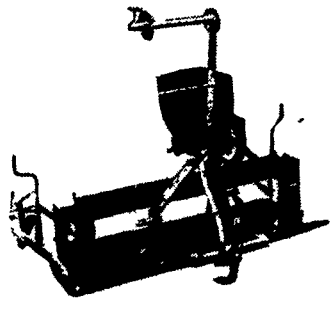


Straight Effort, a 9/12/90 Extra Effort son out of PLCC Victoria, was named grand champion Limousin bull at the North American for Straight Limousin of Logan, Iowa; Symens Brothers of Amherst, S.D.; and Keeton Limousin of Lubbock, Texas.



YKCC Oceanliner 168A, a 4/3/91 Atlantic son out of CMCC Earthshaker, was named reserve grand champion Limousin bull at the North American for Yackley-CMC Limousin of Onida, S.D. and Hooten Limousin of Lennox, S.D.

VEGETABLE GROWING MACHINERY



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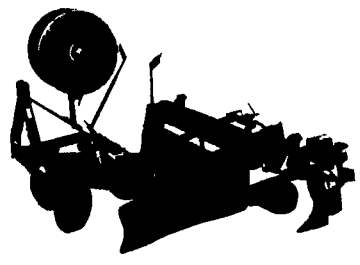

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MODEL 1400 WATER
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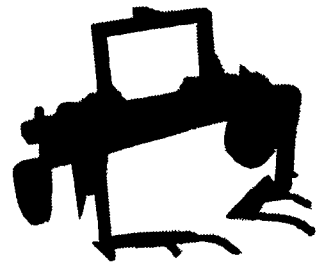

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BFT726716	6.6	7'	16.85	$1,013	$ 759	$254
BFT736716	8.6	7'	19.52	$1,118	$ 839	$279
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BFT756716	12.7	7'	24.85	$1,429	$1,069	$360
BFT936016	14.3	9'	20.10	$1,453	$1,089	$364
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12-12

MAGS Air America, Straight Effort Top Limousins

(Continued from Page D4)

TEXS Ranger Primo daughter out of SWPL Navajo Maiden.

Yackley-CMC had the Division I champion female with YKCC Natalie 223B, a 3/11/92 daughter of YKCC Medallion out of YKCC Brightly Poised 283X.

JCL True Colors, a 1/23/92 TEXS Ranger Primo daughter out of Spitz Winning Colors, was named reserve champion female in Division I for JCL Cattle Company, along with GV Limousin and Hanson Limousin of Garnett, Kan.

Symens Brothers teamed up with Plum Creek Limousin of Philip, S.D., to exhibit the reserve champion female in Division II with Miss True Love, a 9/7/91 CLLL Shenandoah daughter out of KLR Black Centerfold.

In Division III, Yackley-CMC and Minerich Cattle Company of Richmond, Ky., had the champion with YKCC Pretty Maid 219A, a 3/12/91 YKCC Top Line daughter out of YKCC Lady Love 518W.

CL Glitter, an 8/23/91 Litigator daughter out of TEXS Star Gail, was named reserve champion female in Division III for Levi Douglas of Miami, Okla.

Jessica Smith of Paris, Ky., led out the reserve champion in Division IV with Cane Ridge Beckey Jay, a 9/27/90 SY Heavy Hitter daughter out of GLR Miss Becky 67V.

In the cow/calf division, W-Bar Ranch of Ethel, La., had the champion on WLCC Trillion 22Y, a 1/5/90 WLCC Major Domo daughter out of Wulf's Ebony that was exhibited with her.

On the bull side of the fence, MAGS Barr, a 1/9/92 WLCC Turbo son out of MK Upsy in Command, earned Division I champion honors for Magness Land and Cattle and Flying Dog Ranch of Woody Creek, Colo.

Green Pastures — Fairlane Farm of Berlin Center, Ohio had the reserve champion bull in Division I with GPFF Bugs, a 3/2/92 son of NICO Polled Legacy out of TOPS Kathy 88.

OAKM Lord Crockett, a 10/3/91 TEXS Ranger Primo son out of JLCC Miss Fantasie 52U, was named Division II bull champion. Exhibitors were Oak Meadows Limousin Ranch of La Grange, Texas; Sullivan Limousin of Dunlap, Iowa; and Lindsey Limousin of Lake Park, Iowa.

Leonard Wulf and Sons of Morris, Minn., had the reserve champion bull in Division II with Wulf's Ever Ready 9501A, a 9/28/91 son of Wulf's Line-up out of Wulf's Sunset.

MAGS Augustus, a 6/19/91 Polled Power son out of Special Hooker, was named reserve champion bull in Division III for the partnership of Magness Land and Cattle and the Flying Dog Ranch.

In Division IV, Stewman Ranch of Maryneal, Texas had the reserve champion with MAGS Yarborough, a 9/2/90 Polled Power son out of MK Shelly Wood.

In group competition, Yackley-CMC exhibited the winning group of five head.

Salers Sale Of Renown At NAILE

LOUISVILLE, Ky. — The Eastern National "Salers Sale of Renown," sponsored by the Eastern States Salers Association, was held in conjunction with the North American International Livestock Exposition. Prior to the sale, a show was held to parade the cattle for prospective buyers.

The show and sale consisted of 31 lots of the Salers breed having a selection of Fullblood, Polled Purebred, and Purebred Salers Females and herdsire prospects.

Offered were 11 bred yearling heifers, 14 open heifer calves, and six herdsire prospects.

The Salers breed is relatively new to the United States. Originating in France, Salers were imported as a fullblood.

Auctioneer for the sale, Bruce Miller, of Bedford, Texas, said that "Salers were imported about 15 years ago, and there are nearly 25,000 head nationally." He also mentioned that, "their popularity has increased throughout the nation, but there are significant concentrations in the midwest and the west."

Gross sale receipts at the auction were $78,725, with the average sale price per head listing at $2,715.

The highest selling female, sold by GGT Land & Cattle Co., of Quinter, Kan., went for $10,000.

The highest selling male brough $12,500, and was sold by Lakeview Salers, of Finchville, Ky.

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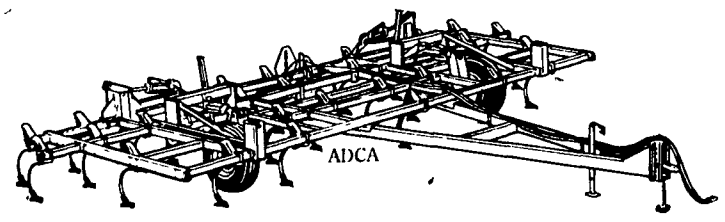

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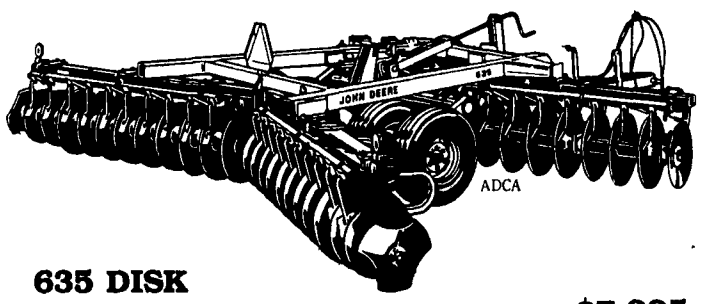

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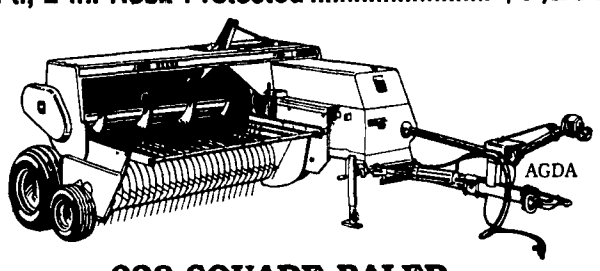
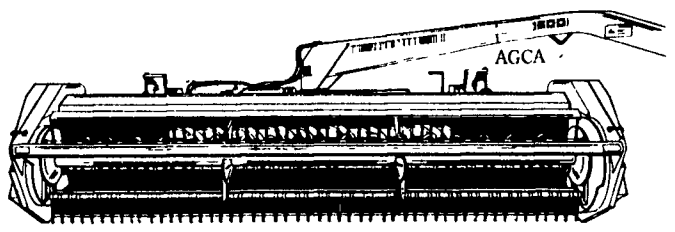


328 SQUARE BALER
40 Ejector, Manual Controls.....$11,500



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Smithsonian Curator At Ag Issues Forum

MANHEIM (Lancaster Co.) — The curator of agriculture at the Smithsonian Institute will talk about several exciting technological frontiers in agriculture at the Ag Issues Forum breakfast meeting on December 17 at Kreider's Restaurant at 8 a.m.

Farmers who want to hear about exciting new markets opening up around the world for agricultural products can listen to Dr. G. Terry Sharrer share his views on the "Reinvention of Agriculture," including the processing of swine blood for use in humans, the manufacturing of hemoglobin from tobacco, and increasing the production of corn tenfold.

Sharrer, a world renown speaker, is curator of agriculture at the Smithsonian. Sharrer received his doctorate in agricultural economics at the University of Maryland. A consultant, Sharrer lectures across the country and throughout the world.

The lecture, free to the public, begins at 8 a.m. The breakfast, which begins at 7:30 a.m., costs $8. For reservations, call Ag Issues Forum at (717) 859-3276.

GIGANTIC SELECTION
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American Farmland Trust Names Ag Center Directors

DEKALB, Ill. — Ann Sorensen, who has been the assistant director of the Natural and Environmental Resources Division for the American Farm Bureau Federation in Park Ridge, Ill., since 1986, has been named director of American Farmland Trust's (AFT) Center for Agriculture in the Environment.

The center, operated jointly with Northern Illinois University's Social Science Research Institute in DeKalb, serves as the focal point for AFT's public policy research efforts and its national sustainable agriculture program.

Sorensen brings a wealth of experience in agricultural research to her AFT position. At the Farm Bureau, she was responsible for agricultural production and environmental issues, including agricutlural biotechnology, integrated pest management, pesticidies, groundwater pollution, alternative crops, sustainable agriculture, and agriculture pests.

Before joining the Farm Bureau, Sorensen was postdoctoral fellow and research associate with Texas A&M University. She then worked for the University of Georgia's Department of Entomology as a postdoctoral associate and the Texas Department of Agriculture as an integrated pest management specialist.

She started her career as a research assistant and staff research associate with the University of California-Berkeley's Department of Entomology and Parasitology where she has her doctorate in entomology. Her areas of research included applied insect pathology, integrated pest management, social insect behavior, and recombinant DNA work with insect viruses.

Sorensen has published a large number of scholarly papers, served on numerous committees, and spoken frequently on agricultural and environmental issues.

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Farmall A w/blade & cultivator
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Ford 9N
JD 4230 w/cab & air
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MF 165D
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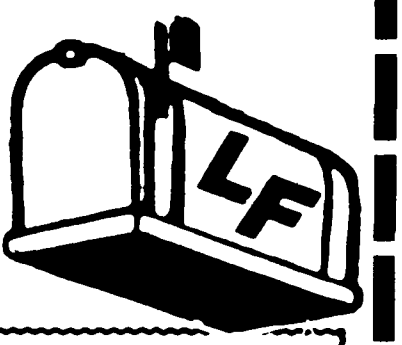

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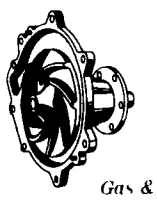

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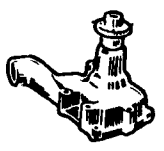

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NH 354 grinder mixer, extended auger, ready to go, $1,800 (301)898-7426.

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- Case 450 crawler loader $7,500
- 78 JD 555A crawler loader, excellent $14,000

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- Case 1835B diesel $7,500
- Gehl 4615 skid loader, diesel $8,500
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- AC 840, 4WD Articulated loader, cab, excel cond. $11,500
- David Brown 1200 Tractor, 3 pt. $3,750
- as is $2,995
- Ford Model 4400 Tractor loader, 3 Pt. PTO $5,000
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MISC.

- JD 9300 backhoe attachment $5,500
- Rosco 1 ton roller $2,100
- '85 Pucket Bros. T-450 paver, excel. cond. $6,500
- Arrowhammer gas powered $4,500

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- Case 580D open ROP $13,500
- Case 580K, 4WD, cab, extend-a-hoe, excel. $28,000
- Case 580 Diesel, very good $6,000
- JCB 1400B, open rops, standard hoe .. $10,500
- '87 Case 580 Super E, cab, extend-a-hoe, 2WD $18,000
- Ford 515 ROPS ..... $4,000 As Is

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- Int. 354, gas, new paint, excel. $3,750
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PARTING OUT
Case 580B Tractor Loader
Case 450 Crawler Loader

The I&J Cultivator

8% OFF ALL CULTIVATORS BOUGHT UP TO 12/31/92

OPTIONS

Rolling Shields
—protects small crops and will not plug

Disc Hillers
—great for ridging crops

Work-Saving Features of the I & J Cultivator:

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- Ford 532 Baler
- NH 310 Baler
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WE REBUILD 489 WOBBLE BOXES

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- IH 235 4WD w/5 QA Loader
- IH F706D
- IH 884 2WD
- Cub low boy w/54" blade
- Case 570, Gas
- Case IH Maxxum 5130 4WD w/510 Loader
- Ford 4040 w/loader
- Ford 3910 Series 2
- Cub Cadet 1572 Diesel w/60" Mower
- 495 4WD w/2250 Loader
- Used Woods 1860 Mow'n Machine

USED EQUIPMENT

- JD 3 Btm, 3 pt. plow
- Ford 5 Btm. Plow
- JD 210, 14' Disc
- IH 800 6R planter
- IH 3082 backhoe
- JD small spreader
- Kuhn 200 Mower Conditioner
- NI 353 Spreader
- IH 440 Baler w/Thrower
- Woods 72 3 pt. Mower
- NH 488 Haybine
- IH 311 Mower
- NI 3639 Spreader

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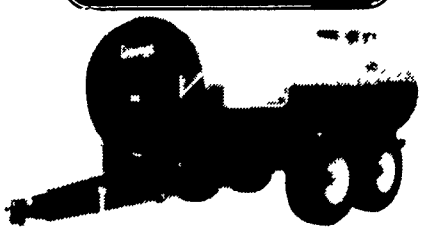

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Ford 445A Loader, 3 Pt., 4WD
Ford 7000 Dual Power
Ford 1220 4WD w/Loader
Ford TW20, 4WD, Cab, Air, Dual Power & Weights
Ford 7610 4WD Dual Power, ROPS, w/Canopy
Ford 2810 Series 2, 8 Spd. w/Loader
Ford 3600, 8 Speed, PS
Ford 8N, Rebuilt And Repainted
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JD 850 w/6' Belly Mower
David Brown 1200
Case 411 w/3PT
Farmall 300, NFE, Fast Hitch
MF 35 w/Loader, PS, Live PTO

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NH 668 LH Tank Spreader
IH 22' Disc
NH 315 Bale w/Thrower
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MF 1045 w/72" Deck
NH 315 Baler Thrower
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NH 519 Manure Spreader
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NH 850
NH 853
JD 336 w/30 Ejector
JD 650 3 PTH Rake
JD 3970
JD 3960
JD 4RN Head
NH 890 w/Heads
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JD 7000 6RN w/Dry Fert.
JD 1440 w/Dry Fert.
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NH 489 Haybine
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Ford 1720 MFWD, 56 Hrs., w/Ldr. And Backhoe.....$17,700
Ford 1510.....$ 6,600

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JD 215 Flex Head.....$ 5,500
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JD 444 Corn Head.....$ 4,400
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JD 244 Head.....$ 2,800
IH 715 w/Grain Head.....$ 9,000
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Brillion 3 Pt. 10' Chisel Plow.....$ 1,400
IH 55 Folding 16' Chisel Plow.....$ 2,200
JD 845A 3-16 2 Way Plow.....$ 2,900
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JD 610 25' Chisel Plow.....$11,500
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JD 6400 MFWD w/Cab

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Ford 7600, Row Crop
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Ford TW10, Cab & Air
Ford TW30, 2WD, Cab & Air
Ford 555B, TLB, 1,200 Hrs.
JD 2755, 2WD, 100 Hrs.
JD 3155, 4WD, 240 Hrs.
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Mitsubishi 160, 16 H.P. w/Loader
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NI 512 12' Swing Tongue Haybine
IH 56 Blower
IHC Grain Drill
JD 124 Forage Box
NH 775 Skid Loader w/1,600 Hrs.
NH 785 Deluxe Skid Loader w/Ford Engine, New Tire, 500 Hrs.
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Ford 12' Disc, Like New
Ford 14' Disc, Like New
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Ford 251 17' Offset Disc
Ford 4 Btm. Plow
Ford 3 Btm. Plow
IH 5 Btm. Plow
10' Brillion Culti-mulcher
JD 100 Loader
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Grove 14' Forage Wagon
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NH 795 Manure Spreader w/Top Beater & Endgate

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Used 6610, w/Dual Power
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Used 315 Baler w/ Thrower
Used 469 Haybine
Used 56 B Hayrake

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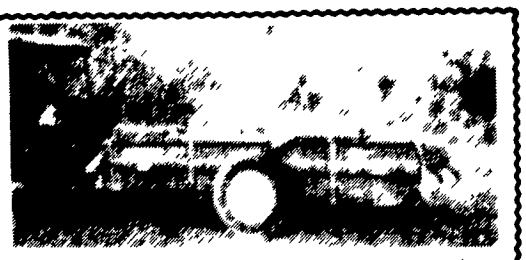

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$7,800
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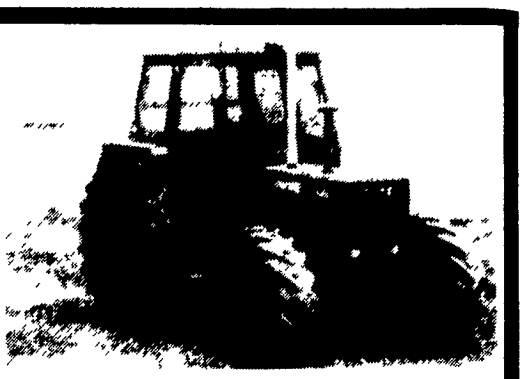

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Case IH 183, 6 Row Cultivator, (new)	$ 2,495
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NI 325, 2 RN, Picker	$ 4,800
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New Holland 488 haybine	$ 1,900
New Holland 479 haybine	$ 1,695
New Holland 489 Haybine	$ 2,195
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NH 275 baler w/engine	$ 2,195
New Holland 25 forage blower	$ 595
New Holland 27 forage blower	$ 595
New Holland bale thrower, #58	$ 250
John Deere 1327 disc mower conditioner w/flails	$ 5,695
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NI 350, endgate, 150 bu	$ 2,300
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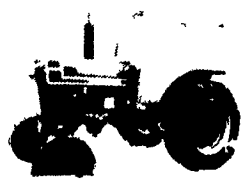

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1981 JD 8640,3 Pt. PTO, 20x38 tires w/duals, needs engine (fixer upper)
IH 4156 Cab w/Air, 18x34 Tires, Very Good Condition, PTO Available
Case 900 Diesel w/or w/out Steel Wheels
Complete MFD Axle to fit JD 5020
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AVAILABLE: JD 1050 MFD w/#75 Loader, 900 Hrs., Excel. Cond. $10,200
JD 7520 Cab, Air, Duals, 3 Pt., PTO, Good Condition
IH 766 Gas, WF, 38" tires, 3 pt. very good condition
Farmall 450 Diesel, Runs Great, No TA
IH 1468 Cab, lo SOLD very nice condition
IH 1026 hydro, 18x38 tires, dual hydraulics & PTO, excellent condition
IH 966 cab, reb SOLD good condition
IH 1466 cab, air, 1976 model, very good condition
Several WF ends to fit IH & JD tractors $350 to $750

COMBINES AND HEADS
JD 4400 Gas, 2600 Hrs., 13' bean head
JD 213 grain head ridgid pickup reel
JD 215 Blac SOLD lex head
JD 224 Black reel flex head
Final Drives For JD 8820 and 7720
Complete heavy duty dry axle including final drives for under 7720 combines WILL VIRTUALLY ELIMINATE FINAL DRIVE FAILURE ON THESE MACHINES

ENGINES
IH D-282 fits 560, 656, 706
IH DV-550 from 1468, complete w/frame rails
Perkins 640 cu. in. V8, short block or long block
IH D-310 fits 706, 756, 716 combines
Cummins KTIA (1155), one new block and 4 recon heads
Cummins 290 small cam, needs rebuilt

COLLECTORS
JD 8020 serial #1074, complete, running condition, where will you find another?
M Harris loader w/hyd. bucket, will fit 44 & 55
IH 350 high crop diesel, good shape, only 29 built
M Harris 55 gas, western special
1911 Minneapolis 20-45, 1 of 4 known to exist, older restoration
JD BHN Serial #46180, unstyled
JD BWH Serial #57881, unstyled
These tractors are very low production, very rare restorable tractors $34,000/Pair... Call For individual pricing
JD 430 vegetable, serial 3161016, good restorable condition
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---

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JD 425 disc, 12' offset
JD 8' offset disc
NI 43' elevator
DA KH 150 Rake 3 Pt.
NH 326 Baler
JD 830 tractor, diesel, excellent condition
Ford 4000 Tractor
MF 205 Loader Tractor
NH L785 Skid Loader, Neww Engine
NH L35 Skid Loader
Mustang 441 Skid Loader
Woods C114 Mower
10' Perfect mower w/arm
JD 3 point rake
Kuhn Double Rotary Rake
NH 791 manure spreader
NH 488 haybine
NH 311 baler w/thrower (exc.)
NH 326 baler
NH 855 Rd. Baler w/Bale Command, exc.
IH 445 baler w/thrower
NH TR86 Combine w/heads
21' Massey disc
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JD 4760 MFWD, Duals, Wts., Like New, 514 Hours $69,000
JD 4455 MFWD, Duals, Wts., Like New, 621 Hours $58,500
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JD 4450 1987 Model, Duals, Wts., MFWD $45,000
JD 4850 1987 Model, MFWD, Duals, Wts., 2600 Hours $49,500
JD 4440 Cab, Duals, Quad Range, 6500 Hours $22,900
JD 2950 MFWD, Cab, 4400 Hours... $22,900

COMBINES

JD 9600 1992, Duals, 4 WD, 922 Flex, 280 Hours $117,500
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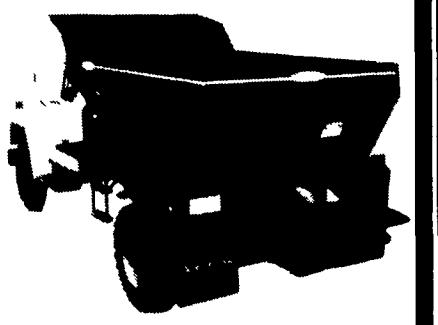

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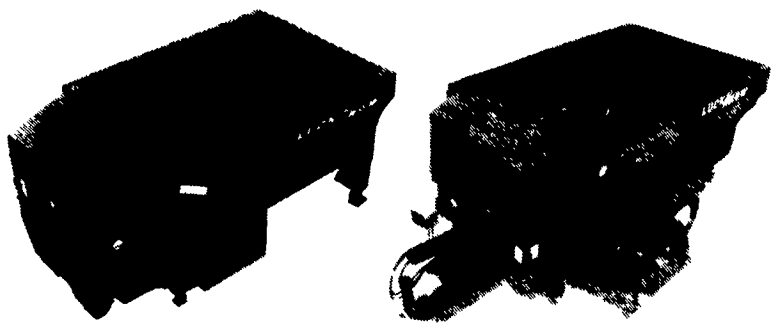

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Ford 5600
Deutz DX140, cab & air, 4WD
Deutz 130-06, 4x4, cab & air
MF 1105, cab & air
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IH 1486, cab & air
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IH 560 gas
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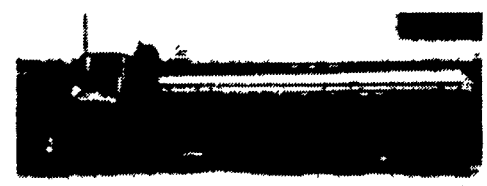

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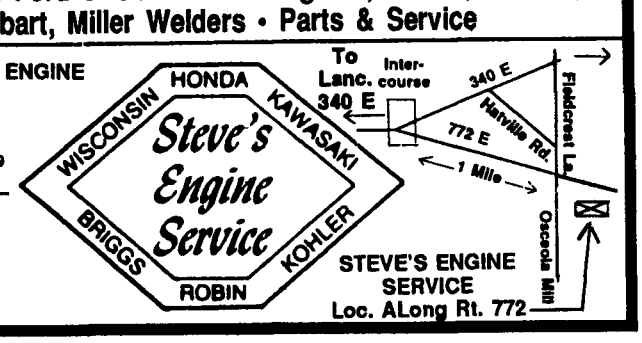

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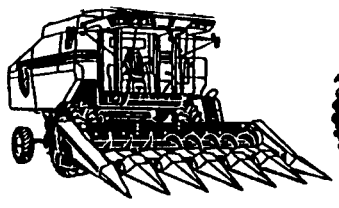

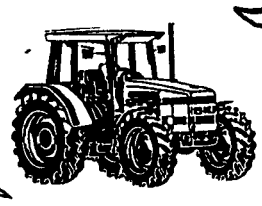

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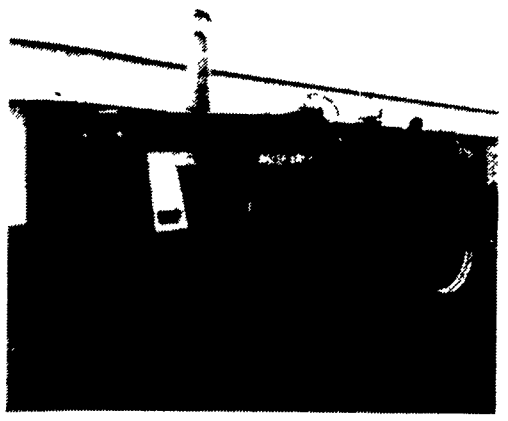

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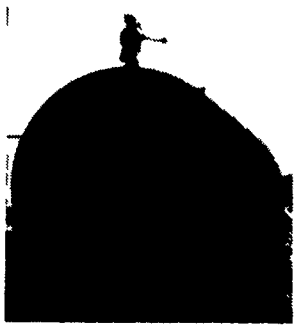

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IH 4586	ST PT350	MF 285
IH 1586	ST 251	Ford Dexta
IH 3588	ST Panther II	Versatile 256
IH 574	JD 4630	AC 6140
IH 1066	JD 4430	AC 7000
IH 5488		

DISCS

AC 2500	IH 470 15'	Oliver 12'
AC 2600	IH 770 Off Set	JD 14'
BH 16'	KR 2440	JD 235, 18'
Case 18'	KR 1588	JD 210
Case 30'	KR 4907 25'	JD 230
IH 475	KR 1966 31'	JD 310
IH 496, 22'	(2) KR 1927, 25'	

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JD 22' Field Cultivator	Glencoe 21' Field Cultivator
KR 4129 42' Field Cultivator	IH 45 Field Cultivator 15'
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KR 4100 37' Field Cultivator	IH 25' Field Cultivator
KR 3121 Landsman	Brady 15' Field Cultivator
KR 3122 Landsman	SF 25' Landsman
Case 26' Field Cultivator	WR 24' Field Cultivator
Glencoe 18' Field Cultivator	

PLOWS

AC 1600 Chisel Plow 18'	IH 700 7x16 Plow
CI 5600 Chisel Plow 11'	IH 5600 Chisel Plow
CI 720 Plow, 5x16	Athens 156 Chisel Plow
CI 800 Plow, 9x18	JD 2350-2450 8x18 Plow
SF 2330 Chisel Plow	JD 5x18 Plow
Ferguson 10' Chisel Plow	JD 2800 Plow
IH 165 Plow 4x18 Rollover	KR 2321 Chisel Plow
IH 700 Plow 8x16 OL	Oliver 568 Plow
IH 55 Chisel Plow	

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Tebbins 7 Shank Subsoiler	BR 28' N X-Fold Packers
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AC 1600 Cultimulcher	BR 12' N Cultimulcher
KR 3613 Land King	BR 32' N X-Fold Packer
DL 34' CF Packer	BR 25' CF Packer
Lely Rotera 12'	BR TP18 Packer
JD 10' Cultimulcher	IH 153 Cultivator, 4 Row

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Great Plains 30' No-Till Drill	John Blue 500 Gal. Sprayer
AC 333 15 Row Planter	JD 8300 Drill, 21x7
GP 24' Conventional Drill	JD 27 Shredder 15'
Great Plains 15' No-Till Drill	JD 8000 Drill, 21x7
CI 5400 No-Till Drill	IH 5100 Drill
CI 5300 Drill, 24x6 w/cultiplanter	KR 5215 Drill
CI 8730 Forage Harvester	NH 352 Grinder Mixer
CI 5100 Drill, 24x6	NH 354 Grinder Mixer

HAY EQUIPMENT

CI 8580 Baler	NH 90 Bale Stacker
Hesston 4900 Baler	IH 990 Mower Conditioner
NH 56 Rake	MF 560 Round Baler

COMBINES

Case IH 1480	JD 4400	JD 9600
Case IH 1680	(3) JD 6620	MF 760
IH 1440	JD 7720 4WD	MF 540
(3) IH 1460	JD 7720 Titan II	NH TR 85
IH 1480	JD 8820 Titan II	NH TR 86

Large Selection Of Cornheads And Platforms Available

HOOBER
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MIDDLETOWN, DE
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case IH

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(1) 6065 4WD Duals to fit White 170 or 195 20.8Rx42 used 40 hrs.
(1) 6105 4WD w/Cab White 170 4WD w/duals
White 6085 4WD cab, loader

MISCELLANEOUS
(1) Used Cold Delco Hi-Pres. Washer, Approx. 1200 PSI, $875
Used Engine Block For JD 5010
(1) Complete Rebuilt JD 4219 Dsl. Eng.
New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
1 Set of Pallet Forks
354 Perkins Engine Parts
16.9x34 new tires
(1) 12' 3 Pt. Power Rotary Hoe

TILLAGE
(1) White 6342 4 Bottom Roll Over Plow
1 Used Kewanee 273 Field Cultivator, 18' Nice
New White 256 disc, 12'8"
New WFE 508 4x18 semi-mount plow
New WFE 6342 3 btm. roll-over plow
New Kewanee 1175 disc, 18' SPECIAL PRICE
Used Kewanee 775 disc, 14', new in Spring 1991
1 Used Brady field cultivator w/rake, 13'

HARVESTING EQUIPMENT
New Hay Tedders
New Bale Wagons

PLANTERS
1 Used White 5100 4R Corn planter, liquid
(1) Used JD 7000, 6R, As Is

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High-Pressure Washers.
The #1 Line Of Pressure Washers In The U.S.A. They Have Features

Reliability & Longevity That The Competition Can't Touch

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JD SOLD
(1) Ford 4000 Diesel, Select-O-Speed 13.6x38 Rear Tires
(1) Ford 7000 Diesel, 15.5x38 Rear Tires
JD 263 SOLD
JD 414 Power unit w/clutch & shut down

1989 JD 2555, 4WD, w/loader, excellent, 410 hrs.
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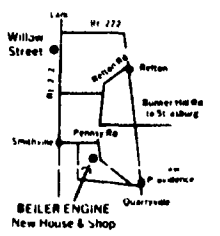

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Used Tractors

• JD 4320, $8,500 • MM 670 $2,500 • JD 2510, $4,700 • Ford 961, $2,500 • SOLD 194 SOLD 50 • Oliver 770 $1,600 • AC 7045 P/S $7,500 • JD 2010D $2,300

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Most Makes And Models
Have Large Selection

Recent Arrivals: IH 856; Ford 4600; IH 1586; JD B; JD 2120; IH 2500; IH 574, IH 404; Oliver 1855 4WD; JD 2440; MH 30; JD 2940; IH 1586.

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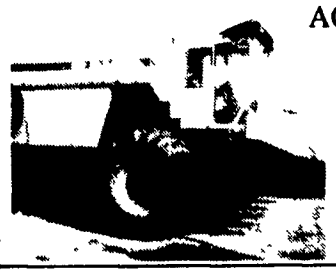

AC Gleaner N6 ... w Head
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G Combine w/Corn & Grain Head
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YEAR END CLEARANCE ON ALL AGCO ALLIS TRACTORS IN STOCK TO MAKE ROOM FOR 1993

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AC 7040 Power Shift
AC 7050 Tractor
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AC 190XT (Good Cond.)
JD 50
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SPECIAL PRICE
6240 Deutz Allis
4WD, 400 Hrs.

New & Used Woods Mower

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Used NH, Gehl, Bobcat Skid Loader
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NH 880 Forage Harvester
2/2-30" Corn Heads

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JD 2030 Diesel, hi-lo, Indpt. PTO, New engine rebuilt $6,500
JD 4020 Diesel, snycro range, year around cab $6,500
JD 2950 Diesel, fully equipped, 38" tires ..... SOLD $13,800
Ford 7600 Diesel, dual power, load monitor, 38" tires $8,200
MF 50 gas, PS, w/loader, Hyd. dump ... $2,900
Oliver 770 diesel ..... SOLD $1,650
NH L775 Skid Loader, Diesel $5,500
Case 1845 Gas skid steer, new short block ..... SOLD $5,900
JD 2555 diesel, 2700 hrs, nice $13,900
JD 4020D Powershift WFEnd $7,200

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NH 358 w/Ext. auger ..... SOLD $4,200
NH 355 w/ext. auger, nice $3,800

FORAGE EQUIPMENT

Gehl 600 harvester, base unit $650
Hesston 2RN corn head, nice $1,150
NH 30 Blower, 1000 RPM $650
NH 28 Blower, nice $875
Gehl 1200 Harv. ..... SOLD $1,800
Gehl 3RN corn head $1,850

MISCELLANEOUS

Sauder snow blade, hyd. angle $350
JD 1508 Hyd. fold rotary mower, 15' $3,500

CORN PICKERS

NI 323 1R, Nice $2,450
NI 323 1R, Steel Rolls $1,850
NI 324 WR 12 Roll, Late Model $3,250

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Oliver 546 plow, 3x16, semi mount $1,050
Ford 151 plow 4x16 w/coulters $1,275
MF 880 plow, 4x16, automatic reset w/coulters $1,550
IH 710 plow, 5x16 w/coulters $950
White 508 plow, 4x16 w/coulters $1,150
JD 2500 plow 5x18 ..... $1,950
IH 5100 grain drill 16x7 ..... $2,600
Brillion 15' Field Cultivator, Pull type, S-tine $1,050

HAY EQUIPMENT

NH 849 round baler, auto wrap, nice $5,850
NH 853 round baler, net wrap ..... Coming In
NH 310 baler w/70 thrower $2,250
(2) NH 402 crimper ..... $950 or $850
NH 311 baler w/chute $3,500
NH 489 Haybine $3,850
JD 327 baler w/bale chutes $3,500
JD 1219 Mower Conditioner $3,800
Deutz KS 200 rotary rake, 3 pt. $975
NH 489 Haybine $2,800
Gehl HA 1000 pickup head for 800 to 1200 harvester $750
NH 855 round baler, auto wrap, nice $5,700

case IH

NEW TRACTORS & EQUIPMENT

Case 1840 Uni-Loader
Case 1845C Uni-Loader
Case-IH 595, 2WD
Case-IH 895, 2WD
Case-IH 5220, 2WD
Case-IH 5240, 4WD & cab
Case-IH 7120, MFD
Case-IH 4500, VS Field Cult.
Case-IH 5710 Trail Chisel Plow
Case-IH 475 12' Disk Har.
Case-IH 6650 13'9" Conser-Til
Case-IH 5300 20x6 Drill
Case-IH 2250 Loader
Case-IH 860 Hay Rake, Gr. Dr.
Case-IH 900 4R Planter
Case-IH 900 6R Planter
Case-IH 560 Spreader
Case-IH 5700 Trail Chisel Plow
Case-IH 600 Blower
Case-IH 1250 Grinder Mixer

USED TRACTORS & EQUIPMENT

IH 574 D w/Loader ..... $ 8,950
Case 1190 (1983, 660 Hrs.) ..... $ 9,500
IH 574 D, RC ..... $ 7,150
Long 510S Crawler, Blade, w/ 3PT & PTO (750 Hrs.) ..... $ 7,800
IH W-4 Tractor ..... $ 1,850
IH F-H Tractor ..... $ 950
NI 270, 7' Cut/Cond ..... $ 1,250
Case IH 781 Harv. w/Hds. $10,000
IH 35 Hay Rake ..... $ 1,250
IH 710 5F 16" Plow w/Cyl. ..... $ 1,350
Case-IH 5100 20x6 Drill w/Grass & Soy. Whls. (Like New) ..... $ 5,650
IH 1190 Mower/Cond. (Nice) ..... $ 5,350
Ont. 13x7 SD Drill ..... $ 650
Gehl FB99 Blower ..... $ 1,250
AC 600 4R Planter ..... $ 1,400
Case-IH 600 Forage Blower (Real Nice) ..... $ 3,150
NH 30 Forage Blower ..... $ 1,950
JD 27 6R Stalk Shredder ..... $ 3,250

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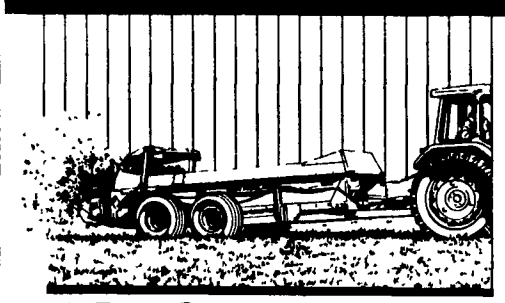

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The New Holland Model 185 is built to last.
- **Strong, corrosion-resistant steel sides.**
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- **Lifetime Bonded Protection warranty.**

This 287-bushel spreader features oscillating tandem wheels that allow faster ground speeds with less ground compaction. Get fast, smooth unloading at two spreading rates with the standard worm gear drive.
Stop in and see why this is the best-selling spreader in its class.

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- ✔ A 6-inch hydraulic operated brass valve for unloading
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- ✔ Tanks are made of 5/16 thick metal
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AC 190
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DA 6260
Farmall H
Ford 2000
DA Model DX120

BALERS
IH 440T
NH 316 Baler w/75 Thrower
NH 310 w/TJD Eng.
Thrower 75
NH 269
NH 271 Baler
JD 336 w/Engine
(3) NH 68
MF 124 w/Thrower
(4) NH 320 w/70 Thrower
(2) NH 326 w/¾ Turn Chute
Hesston 4600

LAWN & GARDEN
Howard Pro 72 w/Mower
Kubota Grass Catcher
GC 60S
AC Big Ten

FORAGE EQUIPMENT
Int. 830 w/Corn Head & WPU
NH #6 Crop Carrier
NH 30 Blower
NH 40 Blower
NH #8 Wagon w/Gear
NH 890 WPU
NH 822 Head
Hesston 4R Head
Int. 120 Forage Box w/Gear
NH 880 Harvester
NH 892 Harvester w/824 corn head & WPU
NH 818 SP Harvester

LOADERS
Ford 555A, TLB
JD 644B w/3 Yd. Bucket
JD SOLD zer
NH L785 Skid
Hydro Mac 9C w/Fork & Bucket

MOWER CONDITIONERS
NH 495 12' Haybine
(2) NH 489 Haybine
(2) NH 488 Haybine
NH 469 Haybine
(2) NH 479

RAKES
Pequea 9' Tedder
Kuhn 2W Tedder
NH 55
NH 216 Double Rake
Vicon Hay Rake
DA K150 Tedder

MISCELLANEOUS
(2) NH 463 Disc Mower
Pasture Renovater
NH 575 Elevator
JD 4R Rotary Hoe
NH 3 SOLD er Mixer
Richardson Dumping Station

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Delivery Available-Lease Financing Available

USED TRACTORS

- Ford 7710 Series II, 4x4, no cab, w/Ford 777F loader, 1500 hours, very nice
- Ford 5000 Dsl., 8 spd., flat deck model w/dual remotes, good condition
- Ford 4000, 4 Cyl., gas, 5 speed, live PTO, PS, remotes, excellent
- Ford 801 Dsl., 5 spd., live PTO, PS, weights, remotes, new paint
- Ford 9N w/weights, front snow plow,, excellent
- JD 4440, cab, air, quad range, front weights, rear weights, dual remotes, 20x38 radials, nice clean tractor
- JD 4050 4x4, cab, air, power shift, fully equipped, excellent
- IH 886, factory cab & air, 1980 model, 1800 original hours, excellent condition
- IH 966 w/roll bar & canopy, 18x38 tires, difflock, very nice
- IH 986, 1980 Model, cab, air, dual remotes, digital, excellent
- IH 1086, 1981 Model, cab, air, dual remotes, 20x38 tires, digital, fresh TA and clutch, front weights, excellent
- Case 1070 power shift w/factory cab & heat, dual remotes, dual PTO's, 18x38 tires, weights, good condition
- Oliver 770 Dsl., NF, power booster, power steering, late one, excellent
- Oliver 950 w/Oliver dsl. engine, factory hydraulics & PTO, very good original condition
- Oliver 990 w/GM dsl., factory hydraulics, PTO & belt pulley, very rare tractor
- Oliver 770 Gas Wide Front, One Of The Last Ones Built SOLD 500 Hours, Excellent
- David Brown 990 dsl, remote hydraulics, live PTO, Power steering, nice clean tractor
- David Brown 1212, power shift, dual remotes, front weights, excellent
- AC 200 dsl. w/factory cab, nice clean tractor

1988 Ford NH 555 Delux Skid Steer, Kubota Diesel, 1064 Hours, Excellent

USED PLANTERS AND DRILLS

- HD 1240, 4R plateless w/dry fertilizer, good condition
- JD 7000 4 RW, conservation, dry fertilizer, no tills,

USED PLOWS AND CHISELS

- Oliver 548 4x16 Spring automatic w/coulters, very nice
- White 598, 4 bottom, variable width, auto reset, very good condition
- Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
- Oliver 4340 3x16 trailer plow, excellent original condition
- Oliver 548 5x16 auto reset w/curved coulters, side hill hitch gauge wheel, excellent
- Glenco 9 tooth soil saver, very good condition
- Glenco 7 tooth soil saver, good condition
- IH 720 4x18 auto reset, coulters and gauge wheel, very nice
- IH 710 5x16 Auto Reset, coulters & gauge wheel, very nice

USED DISCS AND HARROWS

- JD 310, 14' finishing disc, new 22" deep dish blades, tandem wheels and cylinders, excellent
- Brillion 12' packer w/4" axle, very nice
- White 265 11' heavy frame cutting disc w/tandem wheels & 24" blades

USED FORAGE EQUIPMENT

- Gehl CB700 w/late style dolly wheel pickup head, hydraulic sharpener, manual controls
- Gehl RC800 recutter blower, very nice
- Gehl 1060, tandem axle, electric controls, 2RN, 7½' pickup head, excellent condition
- Gehl 1250, tandem axle, electric controls, 3 RN, 7' pickup, nice condition
- Rex 3 beater w/roof tandem axle wagon, steel sides, very nice condition
- NH 900 w/electric controls & tandems w/FNH 824, FNH 900 pickup, excellent
- NH 782, electric controls, 540 PTO, 2 heads, good condition
- JD 3960, 3 RN or 2 RW, 2RN 5' pickup, fully equipped, excellent
- IH 56 forage blower, black stripe, excellent

USED HAY EQUIPMENT

- JD 640 rake w/dolly wheel & rubber teeth
- NH 320 w/#70 thrower, electric controls, just like new
- NH 316 w/pan kicker, electric controls, excellent
- NH 495 12' Haybine, very good condition
- NH 256 Rake, w/rubber teeth, nice
- New quality Diller 8x18 bale throw racks w/choice of 6 or 8 ton gears

LOADERS

- JD 1 SOLD er w/valve, nice
- Farmhand 190, QT w/independent valve, JD brackets, like new
- Ford 772 QT w/brackets for 5000 thru 7610

USED HARVESTER HEADS

- NH 3 RN Auger base package w/8' pickup
- JD 2RW w/clutch
- JD 3 RN corn head w/multi luber, good condition

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Phone (717) 328-2244 & 2226

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USED TRACTORS

- JD 3155 Tractor w/cab & 4 WD, approx. 1500 hours ..... **Call For Details**
- JD 4320 Tractor w/roll bar & canopy, good condition, Coming In..... **Call For Details**
- ★ JD 2350 Tractor 2WD, Hi-Lo Trans, Dual Outlets .....**Reduced $12,200 ★ $11,500**

HAY & FORAGE EQUIP.

- JD 1209 w/non-clog guards **$1,800**
- JD 5460 self-propelled forage harvester w/power rear wheel assist, one owner w/JD dura drum cutter head ..... **Call For Details**
- JD 1600 12' swing arm mower conditioner, 2 years old, coming in..... **Call For Details**
- JD 5730 self-propelled forage harvester, 1987 model, metal detector and spout track..... **Call For Details**
- ★ JD 3800 Forage Harvestor..... **★ $900**
- JD 7' Hay pickup head w/gauge wheels ..... **Call For details**
- ★ JD 714 Forage Wagon w/third beater w/JD 1275 tandem running gear..... **★ $4,000**
- ★ JD 3960 Forage Harvester w/Long Tongue, Manual Controls, Made Field Ready! ..... **★ $6,600**
- ★ NH #8 Forage wagon w/tandem action running gear, good condition ..... **★ $2,000**
- ★ Case 330 square baler w/thrower ..... **★ $550**
- Gehl Model BH1500 3 pt. hitch round bale mover..... **$1,100**
- ★ JD 343 Snapper Head for combine or forage harvester..... **★ $1,800**

PLANTING EQUIPMENT

- JD 7000 4RW corn planter w/no-til attach, and dry fertilizer..... **Call for Details**
- JD 7000 6 row conservation corn planter w/dry fertilizer and many extras, coming in..... **Call For details**
- ★ AC 333 4R no-till corn planter..... **★ $1,700**
- JD FB-B Fert. Drill w/Grass Seed Att'h..... **$125**

MISC.

- ★ JD 2500, 5X plow w/6X that can be attached, spring reset, semi mount ..... **★ $4,200**
- JD 760 hydro push manure spreader w/high flotation tires & hydraulic end gate ..... **Call For Details**

★ Year End Inventory Reduction. ★
★ Discounted Prices ★

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TRACTORS

David Brown 1212
Case IH 275, 4WD, Cab, Like New!
JD 1650 w/Loader
Deutz 6265 w/Loader, Coming In!

SKID LOADERS & UTILITY

Case 580C Loader/Backhoe w/ROPS
Case 580C, Cab & Standard Hoe (1 In Stock)
Case 1740 Uniloader
Case 1816C Uniloader
Case 1835B Skid Loader
Case 1835 Skid Loader

FORAGE

Assortment of Gehl 99 Forage Blowers
IH 550 Harvester
NH 27 Blower
Gehl 1060 Harvester With Auto Max (Metal Stop) w/2 Row Head & 7 Ft. Pickup

LAWN & GARDEN

Kubota F2100 w/5 Ft. Mower & Dump Grass Catcher
Case 644 w/Loader

MOWER CONDITIONERS

Hesston 1090
Vicon 281 Disc Mower Conditioner
Hesston PT10
(1) Case 555 Mower Conditioners
Case 650 Self Propelled
IH 1190 Mower Conditioner
NH 1495 Self Propelled
Gehl 880
JD 830 Self Propelled
JD 485 Mower Conditioner

PLANTERS

White 5400 4-Row Planter
IH 400 Cyclone Planter

MISCELLANEOUS

JD 10 Ft. Disk Harrow
Baltimatic Spinner Spreader
Hesston 5500 Round Baler
Woods C-114 Mower 9½' Pull-Type Mower
Woods HS-105 Offset Mower
NH 307 Spreader
IH 2355 Farm Loader, Like New!
Case 1800 7-Shank Chisel Plow
Case 3300 5-Bot. Plow

Limited Supply...
Notched Front NF 24"x5/16 Disk Blades For Miller!

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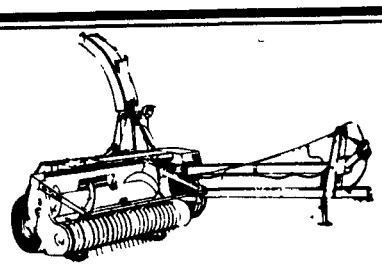
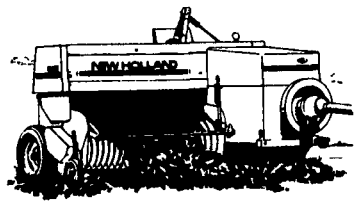
★ KUBOTA ★ HESSTON ★ SAME



Ford FORD NEW HOLLAND



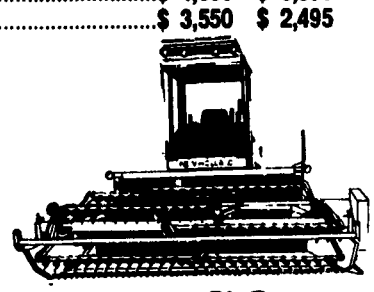
YEAR END CLEARANCE

	List	Cash/ Pick Up
NH 570 Baler w/77 Thrower	$17,672	$11,995
NH 144 Inverter, Demo	$ 4,266	$ 3,200
NH 77 Pan Thrower	$ 4,324	$ 3,195
848 Demo Round Baler, Electric Twine Wrap,		$ 8,500
NH L455 Skid Loader, 10:50 Tires, 60" Bucket	$16,420	$11,750
NH 452 Disc Mower	$ 5,260	$ 3,995
NH 28 Blower	$ 4,338	$ 3,395
NH 256 Rake Demo	$ 3,550	$ 2,495

We have a large inventory for you to survey when purchasing your new equipment.

Received trailer load of manure spreaders call for special prices

Hay & Forage Equipment Finance Rates: 0% - 18 Months- or Check with us for Big Cash Rebate Amounts



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CHARLES S. SNYDER, INC.

Ford FORD NEW HOLLAND

ROUTE 3 ON ROUTE 443
TAMAQUA, PA. 18252
PHONE: 717-386-5945
MON. THRU FRI. 8:00 A.M. TO 5:00 P.M.;
SAT. 8:00 A.M. TO 12:00
EVENING HOURS BY APPOINTMENT

Ford FORD NEW HOLLAND

USED TRACTORS

TAG#	DESCRIPTION	HOURS
6587	Ford 3930 Demo (Excellent) 2WD	114
6984	Ford 8600 w/Cab	921
7437	Ford TW20 Cab 2 Remotes 18-4-38 Duals New	4029
7501	Ford 7710 4WD Cab 2 Remotes 16-9-38 14-9-24	2768
7517	Ford 9N 3 Speed, Nice	
7529	Ford 5000 Gear Diesel 8 Speed	2768
7688	Ford 2000 Gas w/Ind. Loader	2510
7738	Ford 7710 4WD Cab 3 Remotes & Load Monitor	2680
7761	Ford 4610	1441
7764	MF 101 4WD w/48" Mower	
7832	JD 2640 Diesel Wide Front End 1 Remote	4381

INDUSTRIAL & SKID LOADERS

5941	Ford 555 TLB ROPS 2WD 4L	
7454	Ford 550 TLB Cab 2WD 4 Lever	1664
7728	TD6 Int. Dozer 7' Blade	
7757	Ford 655C TLB 4WD Cab	1263
7786	MF T035 TLB	
7791	Ford 655A TLB Cab Ext Hoe 4L IH 340 TLB	411.2
7843	Ford 555B TLB 4WD Ext Hoe 2L	2081
6862	710 Leaf Loader Left Side Pick Up	445
6870	710 Leaf Loader Left Side Pick Up	277
6873	710 Leaf Loader Left Side Pick Up	185
7151	NH L555 Skid Loader w/Bucket	2056
7367	NH L553 Skid Loader (No Buckets).	

COMBINES

4696	Ford 15' Grain Head	
4831	Ford 13' Grain Head	
4832	Ford 4 Row Wide	
5676	NH 6 Row Narrow F/TR70	
5943	Ford Corn Head 6 Row Narrow	
6940	NH 15 Foot Grain M960	
6964	Ford 4 Row Narrow Corn Head	
6995	TR70 Gear New Short Block No Heads Diesel	2045
7523	NH TR70 Combine Hyd	1825
7631	NH 975 Combine w/2 Heads	
7632	NH 924 4 Row Corn Head Wide	
7741	NH 15' 960 Grain Head F/TR70	
7771	NH 4 Row Corn Head Wide	
7772	Ford 620 Combine Gas w/13' Head	
7776	NH 4 Row Wide Corn Head F/TR70	
7793	JD 6 Row Narrow F/NH TR86	

PARTS VALUE OF THE MONTH

Pre-Season Service Savings

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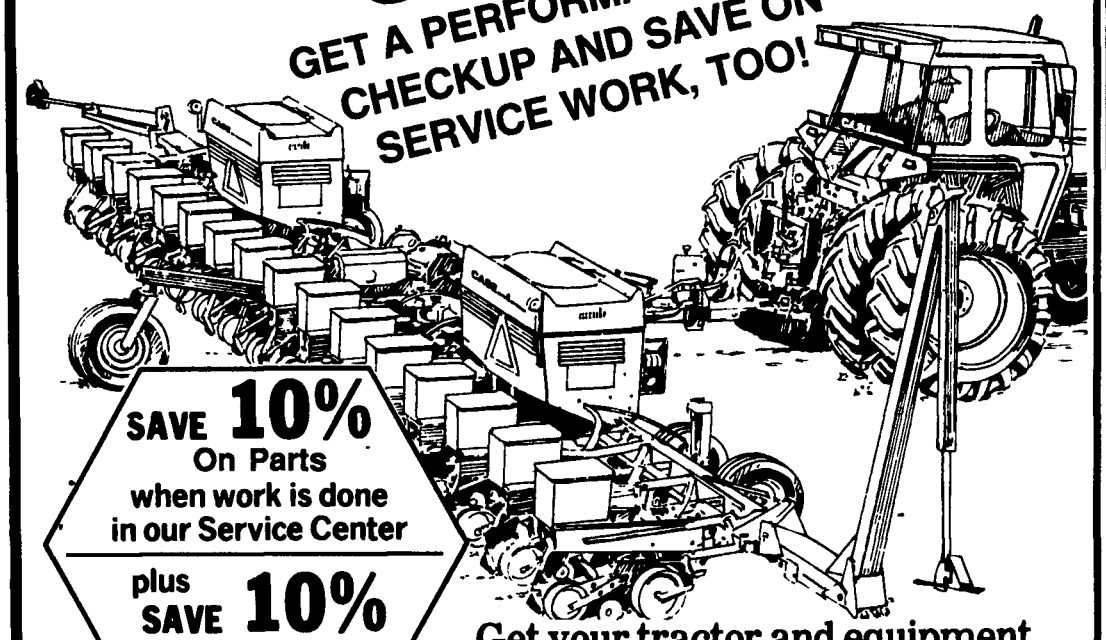
BE READY FOR SPRING

GET A PERFORMANCE PLUS CHECKUP AND SAVE ON SERVICE WORK, TOO!



SAVE 10% On Parts when work is done in our Service Center

plus **SAVE 10%** on labor

Get your tractor and equipment in top shape for the busy season and save at off-season prices.

Don't wait until the busy season hits. Get your tractor ready to roll now at special Pre-Season Service Savings.

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TRACTORS
- Case IH 275 Tractor, 4x4, Loader
- Case IH 5140 Tractor, 4WD, Cab, 1560 Hrs., Like New
- Case IH 7110 Tractor w/Cab, 520 Hrs., Like New
- Case 300 Tractor
- JD 2950 Tractor, 4WD
- JD 2550 Tractor
- Ford 1210 Tractor, 4x4, w/ Loader
- Farmall H Tractor w/Loader
- IH 1466 Tractor w/Cab
- MF 1805 Tractor, 4x4, Cab, 193 HP, (Snowplow Available)

SKID LOADERS
- Case IH 1835B Skid Loader, Diesel, Good Cond.
- NH L35 Skid Loader w/ Backhoe
- NH 425 Skid Loader
- NH L781 Skid Loader, Demo
- Mighty Mac 9C Diesel Skid Loader
- Owatanna Skid Loader, Like New, 18HP w/Bucket
- Case IH D100XR Backhoe
- NH B134 Backhoe
- NH D130 Backhoe

HAY & FORAGE
- NH 273 Baler
- NH 276 Baler w/Thrower
- NH 326 Baler w/70 Thrower
- IH 425 Baler w/Thrower
- IH 435 Baler
- NH 848 Round Baler, Demo
- NH 850 Round Baler
- NH 851 Round Baler, Like New
- NH 853 Round Baler, Twine, Bale-Command
- JD 660 Hayrake
- NH 40 Blower, 1000 RPM, Like New
- IH 56 Blower
- NH 258 Rake
- NH 256 Rake
- NH 1495 Haybine
- NH 411 Discbine
- NH 489 Haybine
- IH 1490 Hydroswing Mower-Cond., 12 Ft.
- NH 479 Haybine
- IH 327 3RN Cornhead, Very Good
- IH 120 Sickle Bar Mower, 3 Pt.
- NH 892 Forage Harvester, Metal Detector
- NH 770 Harvester w/2 Row Cornhead, Pickup
- MF 260 Forage Harvester, w/2 Row Narrow Cornhead, Pickup
- JD 15A Flail Chopper, 60" Cut

SPREADERS
- IH 530 Spreader, Excellent
- NH 328 Spreader
- NH 676 Spreader
- NH 679 Spreader
- NH 305 Slurry Spreader, 1 Yr. Old, Excellent

MISC.
- Cagle 500 Gal. Sprayer w/Elec. Controls, 48' Boom, Like New
- NH 357 Grinder/Mixer
- McConnel 450 Potato Harvester
- Brillion 5 Ft. Landscape Seeder
- 4 Row Liquid Side Dresser
- Century 1000 Gallon Sprayer, 48 Ft. Boom

PLANTING & TILLAGE
- IH 800 Planter, 4 Row, Exc. Cond.
- JD 8200 Grain Drill
- White 348 Auto Reset 4 Bottom Plow
- Brillion 13'6" Cultipacker
- JD 12 Ft. Disc Harrow
- Brillion 12 Ft. Cultipacker
- Lilliston 9680 No-Till Drill
- NH OD100 Offset Disk
- AC 18 Ft. Wing Disc Harrow

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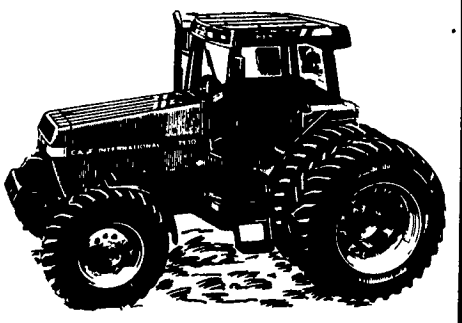


CASE IH MAGNUM IN STOCK
- 7110, 130 HP • 7120, 150 HP
- 7140, 195 HP

CASE IH 95 SERIES
- Forward & Reverse Shuttle Shift
- Heavy Duty 2250 Loader

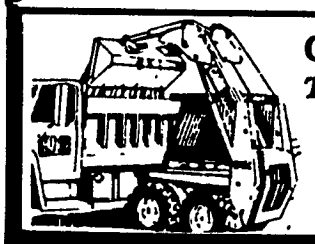
SPECIAL PRICES: 495 With Loader

COME AND SEE!
ALL NEW 5200 SERIES TRACTORS!

CASE IH 5130 TRACTOR
w/Cab, 2WD
Buy Now At Old Price — Excellent Buy!

CASE IH 3900 FOLDING DISC HARROW

- Rock Flex Bearing Hangers
- Hyd. Fold Wings



CASE IH SKID STEER
The Deals Have Never Been Better!
MODEL 1840, 1845

GIANT YEAR-END SALE

UP TO 45% DISCOUNT ON PARTS & EQUIPMENT!
Plus! Special Savings on Twine!
Buy Now For Tax Savings
DISCOUNTS IN EFFECT NOW THRU DECEMBER 31, 1992

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Matt At Home — 665-6772

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Ford Credit

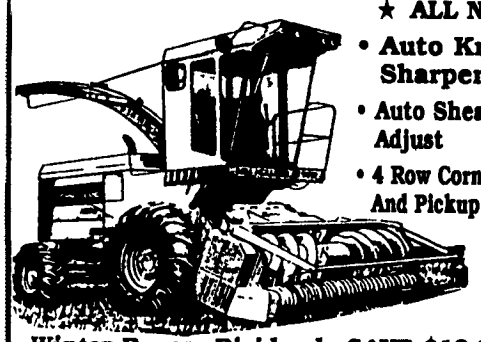
JUST ANNOUNCED!!

WINTER BUYER DIVIDENDS ARE HERE!!

BIG REBATES!! SAVE FROM $75 TO $12,925!! The earlier you buy - the more you save!

FORD NEW HOLLAND

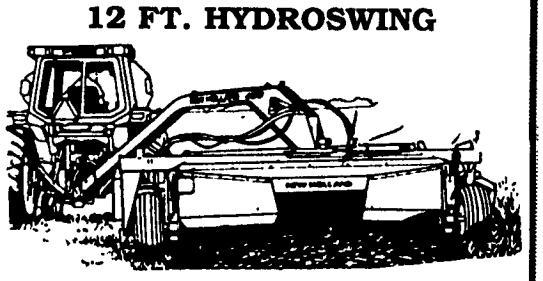
NH 1915 S.P. HARVESTER



★ ALL NEW
- Auto Knife Sharpening
- Auto Shearbar Adjust
- 4 Row Cornhead And Pickup

Winter Buyers Dividend - SAVE $12,925

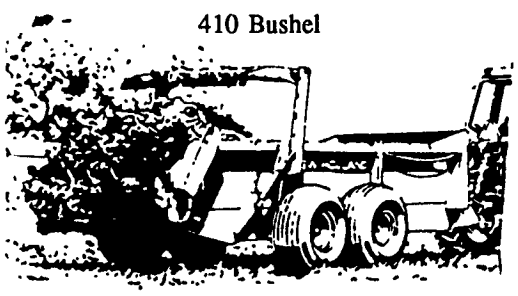
NH 499 MOWER-COND.
12 FT. HYDROSWING



Winter Buyers Dividend — SAVE $2,000

Fast, Clean Cutting And Clog-Free Conditioning - See It Today!

NH 195 SPREADER
410 Bushel



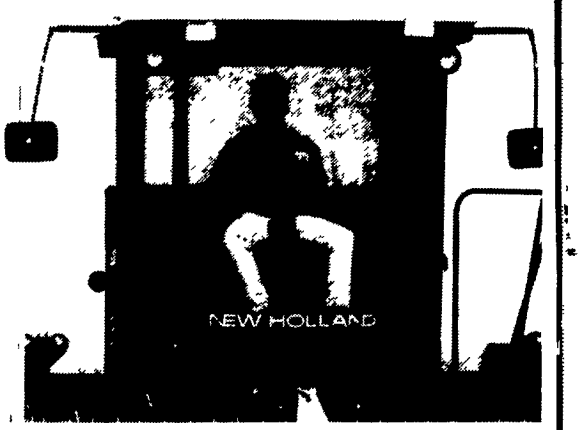
Now Is The Time To Buy! Come In Today!

NH 2450, 2550 SELF-PROPELLED HAYBINE

All New From The Ground Up For '93!

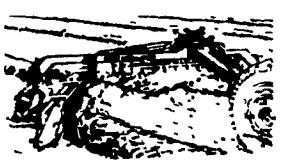
Winter Buyers Dividend SAVE $4,225

Order Now To Assure Delivery In '93



- Wide Conditioning Rolls & Bigger Tires
- New Cab
- More Horsepower
- Hyd. Drive Header
- Push Button Header Controls
- Gauge Wheels On Head
- 12', 14', 16' Heads

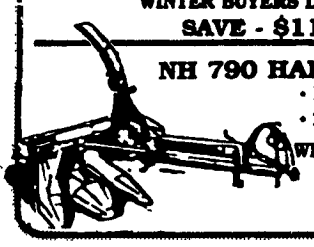
EXTRA DISCOUNTS DUE TO WEATHERED CONDITION
New Units! Must Go! Call Today For Extra Special Deal



NH 216 UNITIZED RAKE
- 27' Raking
- 10' Transport Width

WINTER BUYERS DIVIDEND SAVE - $1125

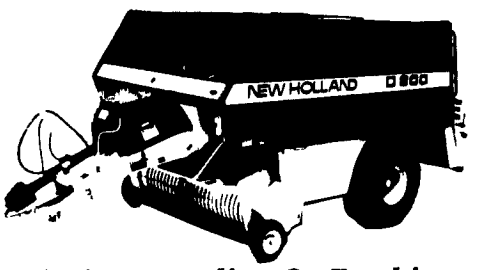
NH 1037 BALE WAGON
1 Man Bale Handling!
Handle Up To 1664 Bales Per Day!
WINTER BUYERS DIVIDEND $1050



NH 790 HARVESTER
- Metal Detector
- 2 Row Head

WINTER BUYERS DIVIDEND $2,025

NH 800 MID-SIZE BALER
WINTER BUYERS DIVIDEND — $2,500



Ideal For Feeding Or Trucking Make Big Bales FAST!
DEMO UNIT - Buy Today & SAVE!

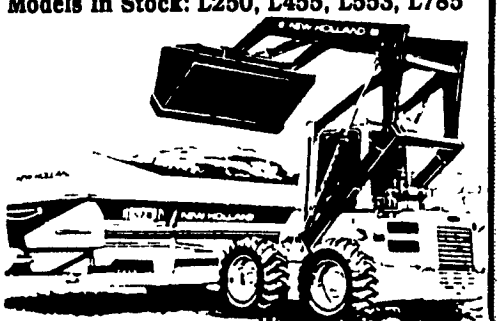
NH 411 DISC MOWER-COND.

Winter Buyers Dividend
SAVE $1,675

- 10 Ft. Cut • Hyd. Angle Cutter Bar

Handles Toughest Crops With Ease!

NH SKID STEER LOADERS
Models In Stock: L250, L455, L553, L785



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TRACTORS
International 1066, 20.8x38 new tires
Steiger ST251 tractor 4WD, tires like new, w/3 pt. hitch
JD 4630 Tractor w/Cab, Reconditioned
JD 2640 Tractor w/Loader
JD 2630 Tractor
Used JD 2040 Tractor
JD 3020 Tractor
JD 3010 Tractor
JD 3010 Tractor Gas
AC 160 Tractor

HAY EQUIPMENT
JD 24T Baler
JD 1209 Mower Conditioner
JD 1209 Mower Cond. w/ Kwik-Cut Knife
NH 489 Mower Conditioner
NI 279 Cutditioner, 540 PTO
NH 411 Discbine, Rolls Good, Hyd. Tongue Pos., Hyd. Header Tilt
NH 890 Forage Harvester w/5¼' Pickup & 2 Row Wide
JD 336 Baler w/Ejector
Vicon KM 281 Disc Mower Conditioner
JD 336 Baler w/Ejector
JD 337 Baler w/Ejector
NI 456 Round Baler

PLANTERS
Used JD 8250 Grain Drill
AC 333 4 Row, Air Champ., Dry Fertilizer
JD 7000 6R Conev. Planter
JD 1440 Corn Planter w/Liq. Fert.
Krause No-Till Drill, 13'
Tye No-Till Drill w/15 Disc & Weight Drums
JD 315 Disc, Like New
JD 7240 11 Row w/Liq. Fert., Frame Mounted Coulters

COMBINES
JD 6600 Side Hill Combine, Reconditioned
JD 220 Flex Platform
JD 3300, Gas Combine w/10' Platform

MISCELLANEOUS
Case Model 14, 9 Shank V Ripper
Used JD 27 Flail Shredder
JD 2500 5 Bottom Plow, Spring Reset
JD 260 Loader
JD 315 Disc
JD 230 Disc Wingfold

Case 450 Crawler Loader Rebuilt Motor $6,800

JD 350B 4-N-1 Bucket $8,500

1980 Case 580C Backhoe, Mint Condtion, $12,500

Cat 955L 85 J Series, Crawler Loader w/4N1 Bucket, Good Condtion $16,500

Case 450 Crawler Loader Rebuilt motor.....$6,800
1980 Case 580C Backhoe, mint condition $12,500
(2) Case 1835C Skid loaders, low hours.....$7,800 Choice
Cat 931 Crawler loader, rebuilt motor, like new U/C.....$11,000
Cat 995L 85 J Series, crawler loader w/GP Bucket, good condition $16,500
Cat D4 Crawler Loader.....$4,500
Cat 955L 85 J Series, Crawler Loader w/4N1 Bucket, Good Condtion.....$16,500
JD 300B TLB $7,800
JD 350B Crawler Loader 4-N-1 Bucket.....$8,500
JD 410 Loader Backhoe....$10,000
Komatsu D65S Crawler Loader.....$10,500

PARTING OUT: IH TD340 CRAWLER LOADER
IH TD9 Series B Crawler Loader
Case 450 Crawler Loader

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PARTS DISCOUNTS
DEC. 21 THRU DEC. 30

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Case IH 1825 Diesel Uniloader - 2 left at Dealer Invoice - MUST SELL - Call For Price!
Case IH 2200 and 2255 Loaders
Case IH 415 Packer Mulcher, 10'1" Demo
Case IH 5300 Grain drill, plain, 20x6 - Old Price! (1 Left!)
Case IH 8520, 8530 & 8545 Twine Balers w/Thrower
Case IH 495, 395, 595 and 695 Tractors - 2WD and 4WD - call for details!
Case IH 1100 Series Compact Diesels In Stock!
MAGNUM TRACTORS... 7110 2WD - Call!

ONE ONLY! Case IH 1660 Combine w/6-Row Head
OLD PRICE WITH ALL THE NEW UPDATES

MAXXUM TRACTORS... 5120's, 5130, 5140's - call for details!
Case IH Uniloaders - 1845C, 1840, 1825 Diesel - call now!
PLOWS... Case IH 145 Rollover, 7 SOLD ot. On Land Hitch
NEW CASE IH 7500 5-BOT. VARI-WIDTH PLOW - IN FURROW!
Case IH 6650 Consertil Plow, 11'3 - New Heavy Duty Model
Case IH 3900 18'7 Disk Harrow, 7½" Spacing
Case IH 3800 12' Disk Harrow, 9" Spacing
Case IH 496 Disk Harrow, 22' 2", 7½" Spacing...Demo! Old Price!!
Case IH 496 Disk Harrow, 24' 10", 9" Spacing...Demo! Old Price!!
Case IH 181 Min. Till Rotary Hoe
Case IH 900 6-Row Planter, Liq. or Dry
Case IH 2255 Loaders
Case IH 183 4 & 6 Row Cultivator

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New Berlinville, PA
One Mile North of Boyertown
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FAX: 215-367-6715

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WINTER CLEARANCE VALUES...
Call Now For Prices!

IH 300 Utility Tractor w/plow; JD RN 10' Disc Harrow; Mohawk 10', 3 pt. Chisel Plow; Moline AT1600 Tractor; IH 2-Bottom 14" Plow; Kelly Loader-fixer upper or parts; Versatile 256 bi-directional Tractor w/Loader; Hesston 60-66 2WD Tractor w/Loader; Gehl CB800 w/2 Row & Pickup; Hesston 7140 Forage Harvester, 540 PTO & Manual Controls; AC 3R38 Snapper Head; NH 38 Flail Chopper; Hesston 1095 Mower Conditioner; Hesston 1160 Mower Conditioner; NH 469 Haybine; NH 489 Haybine; NH 495 Haybine; Hesston PT-7 Mower Conditioner; White 348 4-18" auto reset plow; New Idea 245 Tandem Manure Spreader; Martin 1263 Scavenger Spreader; Hesston 530 Round Baler; Hesston 5545 Round Baler; Hesston 560 Round Baler; NH 320 Square Baler w/Thrower.

Please Call For Additional Information & Details. Stop By And Look Over Units Of Your Choice...

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185 Low Boy w/Mower
Cub Low Boy w/5 Ft. Mower & 12 Volt System - Reconditioned & Painted!
IH 560 Diesel Tricycle, New Engine - Real Nice!
IH 460 Diesel Tricycle - Nice Shape!
IH 574 Diesel w/2050 Loader
Ford 2110 Gas Low Boy w/Big Turf Tires
MF 20C, 45 Hp. Diesel, Shuttle Shift, Turf Tires, Nice Shape!
Case IH 235 4WD Hydro w/60" Mower
Case 2590, 2WD, Cab, Air, 180 HP
JD 1010W Diesel w/JD 710 Loader
JD 301D Utility with Mid Mounted Hyd. Sickle Bar Mower - Real nice... Coming In, From Twp., Low Hrs.
Bolens 292, 30 HP Diesel, 2WD, Like New
Kubota B7200 w/5 Ft. Mower, 2WD
AC 5020, 2WD, Turf Tires, w/72" Mid-Mount Mower, Nice Shape!

HAY & FORAGE:
NH 269 Baler w/Thrower
IH 440 Baler w/Thrower
NH 1495 Self Propelled Haybine
IH 990, 9 Ft. Mower Conditioner
JD LR24 Rake
Badger Forage Box w/Tandem Axle
Hesston 4500 Wire Baler w/Thrower
Ford 530 Baler w/Thrower
Vicon CM240 3 PT. Hitch Disc Mower, 7'8"-Demo!

COMBINES:
MF 1144 4-Row Wide CH, Ex. Cond.
744 Wide Cornhead for 715, Ex. Cond.
IH 810 15' Grain Head w/Hart Carter Floating Cutter Bar
IH 820 15' Floating Cutter Bar

COMBINES & EQUIP. FOR PARTS:
(2) IH 315's
IH 403 Gear, 4R W Hd. & 12 Ft. Plat.
IH 700 13' Platform
Ford 530 Baler

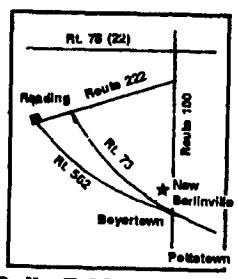
TILLAGE:
IH 37 Disk Harrow
JD 12 Ft. Transport Disk
IH 209 2-Bot., 3 Pt. Hitch, 14" Plow, Like New!
Brillion 12 Ft. Single Packer, No Transport

OUTDOOR POWER EQUIP.-
Good Selection Of Used Lawn & Garden Tractors— All Makes And Models

Cub Cadet Model 2072 20 HP w/50" Deck
Cub Cadet 1912 19 HP w/66" Deck, Like New
1987 Cub Cadet, Model 1872 18HP, w/50" Deck
Cub Cadet 1650 w/44" Deck - Nice Shape!
Toro 7 Gang Pull-Type Golf Course Mower
(1) National 3-Gang Triplex, 1987 Model, 98" Cut- Was $2,000 - Now $1,699
Jacobsen F10 7-Gang Reel Mower

MISCELLANEOUS:
FMC DO-25 300 Gal. w/Gun & Hose Reel, Trailing Model, 2 Cyl. Kohler Engine, Like New
Work Saver Front 3 Pt. Hitch Package For Case IH 685 Tractor- $1,000
Century 250 Gal. Trailing Sprayer
Case IH 2255 Loader, Like New!
Case IH 2250 Loader, Like New
Wood Splitter, 3 Pt. Hitch
National 3-Gang Triplex 84" Cut, Kohler Engine, Elec. Start
National 5-Gang Reel Mower w/Engine
Danuser 2 Pt. Fast Hitch
Post Hole Digger, Nice Shape!
IH 100 Ground Drive Spreader - Good Shape - Ideal for horses
HS 105 Woods Hyd. 3 pt. Hitch Ditch Bank Mower
Olathe Leaf Vac, Model 166, Needs Engine - $500

We Ship UPS Daily!



Hours: Daily 7:30 to 5:00; Sat. 7:30 to 3

YEAR END SAVINGS!

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DEC. 21 TO DEC. 30

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Excellent Ford Tractors

TW-20, cab, air, DP, weights, 2,700 hrs.
TW-10, cab, air, DP, 20.8x38 radial tires
7710 II, 4WD, cab, air, DP, weights, 450 hrs.
7610 II, canopy, DP, 18x34, 2,500 hrs., 1 owner
7610, syncro, DP, roll bar, 18.4x34, 2,500 hrs.
5000, diesel, 8 spd., 1974, 3,800 orig. hrs., 1 owner
4610, 8 spd., 13.6x38, 1 hyd., 2,300 hrs., 1 owner
4100, diesel, 14.9x28, 1976, 1,500 hrs., 1 owner
3910 II, 4WD, 1989 w/Allied QT loader, 350 hrs.
3000, gas, 8 spd., PS, weights, 1974, 1,100 orig. hrs.

Equipment

NH 489 haybine, like new
H&S steel hay wagon, 9x18 w/Pequea gear, exc.
NH 354 grinder mixer (hammers never turned)
NH 520 spreader, hyd. drive web, top beater (new)
JD 8250 grain drill, 18x7, excellent
Roll bar fits 5000 thru 7610
White 348 auto reset plow, 3 pt., 3 btm.
Dunham 22 QT loader w/bucket & valve
Elevator 36', mfg by Hub, good condition
18.4x34 tractor chains, like new
Gehl 3 pt. round bale spear

All Tractors Tested On Our Farms.
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Lebanon, PA
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MILLER EQUIPMENT CO.

RD 1, Bechtelsville, PA 215-845-2911

WHITE | NEW IDEA

WHITE-
AGCO White 6085 tractor, 2-WD w/cab
Workhorse 125 Tractor w/Cab
6 Row, 6100 Planter, Liq. Fert.

BRILLION-
Deep-Til Implement
12 Ft. Pulverizer
9 Ft. Chisel Plow
MDS 1481 Pulvimulcher

GEHL-
HT 242 Tedder
FB 1560 Blower
FB 1580 Blower
MC 2170 Mower Cond.
MS 322 Spreader
RR 262 Rotary Rake
SL 3510 Gas Skid Loader
DC 2340 Disc Mower Conditioner

NEW IDEA-
3626 Spreader
5109 Mower Cond.
484 Round Baler

USED EQUIPMENT

Gehl 4300 Gas Skid Loader
Gehl 4510 Gas Skid Loader
Gehl 1200 For. Harvester, 2-Row Hd. & Hay Pickup
Bobcat 643 Diesel Skid Loader
White 5100 4-Row Planter, Dry Fert.
Grimm Tedder, Ground-Driven

GUNTHER HEUSSMAN INC.

4801 S. 5TH ST., EMMAUS, PA 18049 215-965-5203

QUALITY TRACTORS

JD 3150 MFWD, Cab, Air, 900 Hrs., Dual Hydraulics, 18x38, Excellent
JD 4840 Cab, Air, Power Shift, 18x42 Duals Weights, Very Nice
1977 JD 4630 Diesel, Cab, Air, Quad Range, 20x38 Radial, Very Nice
1988 JD 4250 Cab, Air, Quad, 2100 Hrs., 20.8x38 Radials
1979 JD 4640 Dsl. Cab, Air, Quad Range, 20x38 Radials, Front Weights, Very Good
JD 4440 Diesel, Cab, Air, Quad Range, Very Nice Condition
JD 4440 Diesel, Cab, Air, Power Shift, New Tires, Very Good
'81 JD 4240 Cab, Air, Quad, 18x38 Tires, Very Good Cond.
JD 4320 Diesel, Factory Cab, Very Good
JD 2955 Diesel, Cab, Air, Low Hrs., Excel. Condition
JD 2950 Dsl. Fender, Hi Lo, 18x38 Rubber, Very Good Condition
JD 2350 Diesel, Cab, Air, 2500 Hrs., Very Nice
JD 2150 Diesel, 2000 Hrs., 1 Owner, Very Nice
IH 1086 Diesel, Cab, Air, Very Nice
IH 986 Dsl., Cab, Air, Dual Hyd. & PTO, 18x38 Tires, Very Clean
IH 966 Diesel, Cab, Air, Black Stripe, Triple Hyd., 1838 Excellent Condition
IH 966 Diesel, Fender, 18x38 Tires, Very Good
Ac 7020 Diesel Cab, Air, Power Director 3000 Hrs., Very Nice
MF 135 Tractor, Exceptional
Ford 2000 w/Power Steering, Very Nice
Ford 3000 Gas w/Loader, Good Condition
Case 1845 Diesel Skid Loader

TILLAGE

Miller 12' Offset Disc, 3 Bar, Excel. Cond.
JD 1710 Mulch Tiller, 9 Shank w/New Blades
IH 490 20' Hyd. Fold Disc, 22" Blades
Brillion 15' Cultimulcher, Inboard Wheels
JD 12' Roller Harrow
JD 950 10 & 15 Ft. Roller Harrows

PLANTING EQUIPMENT

JD 7000 4R Cons., Dry Fertilizer, Insecticide Monitor, Notill Coulters
JD 750 No-Till Drill, Grass Seed w/Dolile Wheels 15', Very Good
NI Kinze 9000, 6R Double Framed, Dry Fertilizer, Insecticide, Frame Mounted Coulters, Monitor, Excel. Cond.

Delivery & Financing Available

6500 Bale Wire In Stock

QUALITY COMBINES
(Displayed Inside Building)

1984 JD 6620 Diesel, Cab, Air, 1100 Hrs., Fully Equipped, Excellent
1984 JD 6620 Diesel, Cab, Air, Hydro, 2000 Hrs., Very Good
JD 4420 Diesel, Cab, Air, 1600 Hrs., Fully Equipped, Very Nice
IH 205 w/Cab, 10' Grain Platform, Pickup Reel, Good, 1 Owner Combine
1980 Gleaner F2 Diesel, Cab, Air, Hydro, Very Nice
1978 Gleaner F2, Cab, 700 Hrs. 13' Flex Head, Very Nice
Gleaner E w/10' Grain Platform, Very Good
JD 915 Flex Head
JD 213, 215 & 216 Flex Head, Good Selection
JD 213 & 215 Rigid Heads
JD 15' Quik-Tach Grain Platform, Floating Cutter Bar

NEW ARRIVALS

JD 2355 Diesel Fender w/Roll Guard, 2600 Hrs., Excel. Condition
JD 230 19' Hyd. Fold Disc, Very Good
JD 4050 Diesel, Cab, Air, 15 Speed Power Shift, 2600 Hrs., 1 Owner, Excel. Condition
Year Around Cab To Fit IH 706 Thru 1256

CORN HEADS

JD 244 2RW
JD 343, 3RN
JD 443, 4RN
JD 444, 4RW
JD 444 Oil Bath
JD 643 Oil Bath
AC 238 Corn Head
AC 430 Black 4RN For F2
AC A438 Black, 4RW For F2
MF 1143 4RN
IH 843 4RN

PLOWS

IH 735 6 Bottom Variable Spring Reset
IH 720 6 Or 7x18 Spring Reset On-Land Hitch
IH 710 6x18 Spring Reset, Onland Hitch
IH 720 4 Or 5x20 Spring Reset
IH 720 5 Or 6x20 Spring Reset
IH 720 5 Or 6x18 Toggle Trip
IH 720 5x18 Spring Reset
IH 720 4x16 Spring Reset
IH 720 4x18 Spring Reset
IH 710 5x18 Spring Reset
JD 2800 6 Bottom, Variable Spring Reset
JD 1450 4x18 Trip

HAY EQUIPMENT

JD 430 Round Baler
JD 346T w/30 Ejector
JD 347 Baler w/Ejector, Very Nice
JD 347 Wire Baler w/40 Ejector, Very Nice
JD 328 Baler w/40 Ejector, Like New
Ford NH 311 Baler, Used Very Little
NH 846 RB, Very Good
NH 847 Round Baler, Very Good
NH 851 Round Baler, Good
NH 855 Round Baler, Memory Wrap, Very Nice
Ford NH 489 Haybine, Excellent Condition
NH 488 Haybine, Very Good
NH 489 Haybine, New Rolls
NH 38 Flail Chopper, Very Nice
New Farmco 18' Steel Side Hay Wagons
Deutz Fahr 6 Star Hay Tedder
NH 256 Rake
NH 258 Rake w/Dolly Wheel
NH 1002 Bale Wagon, 56 Bale Capacity

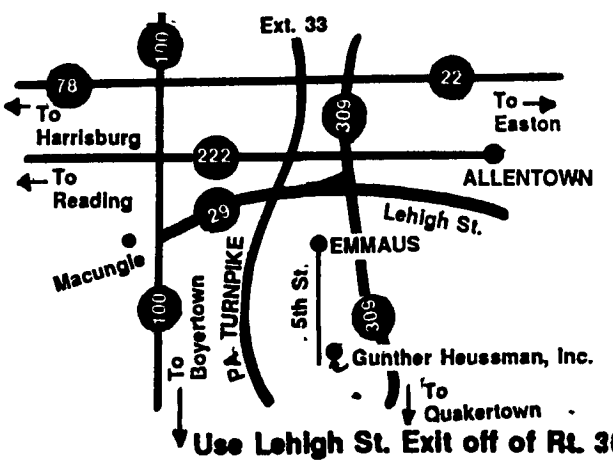
CORN PICKERS

NI 325 2RN, 12 Roll Bed, Very Good, 2 To Choose From

MISCELLANEOUS EQUIPMENT

Brady 4R Stalk Shredder
18x38-18x34-16x28 Duals
JD 37 Loader w/Hydraulic Bucket
JD 4 & 6 Row 3 Pt. Cultivators
Lely 3 Pt. Fertilizer Spreader, Excel. Condition
NI 12' Fertilizer Spreader, Good Condition
Mel-Cam Rock Picker, Like New
IH 2350 Quik-Tach Loader

TRADE IN SPECIAL
JD 215 Flex Head
$2,250



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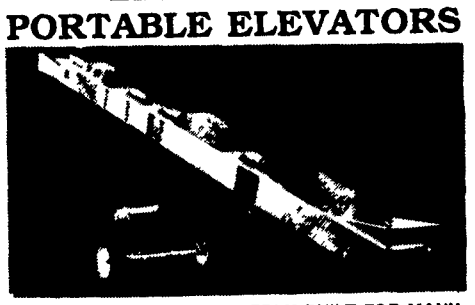
WE ARE CASH BUYERS FOR CLEAN, LATE MODEL FARM EQUIPMENT

WISCONSIN ENGINES

Liquid Manure Pumps
Portable & Stationary

ZIMMERMAN PORTABLE ELEVATORS



WELL BALANCED, RUGGEDLY BUILT FOR MANY YEARS OF TROUBLE FREE SERVICE

From 28 Ft. to 48 Ft. Available

USED EQUIPMENT

NH 630 Baler NEW	$8,400
NI 323 Corn Picker, Like New	$3,600
NH 258 Rake	$1,700
(8) NH 402 Crimpers	$850 to $1,100

Zimmerman 990 Forage box
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AVCO VM Diesel

MILLER'S REPAIR
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8 Miles East of Lancaster
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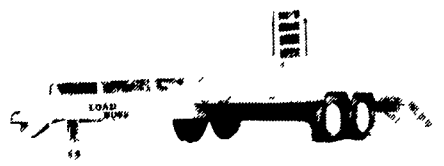
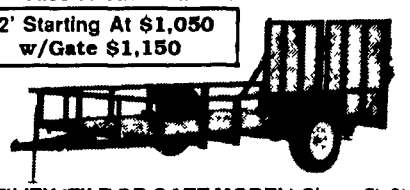


DECK-OVER CONSTRUCTION
16'x8' 7000# GVW ~~$2,895~~ $2,695
18'x8' w/Tail 10,000# GVW ~~$3,195~~ $2,995

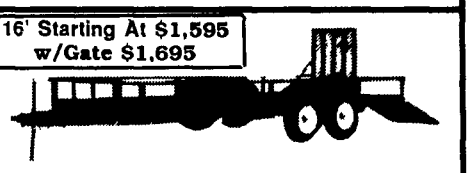
Also Available In 4'x8' and 5'x8'

12' Starting At $1,050
w/Gate $1,150



UTILITY (TILT OR GATE MODEL) Sizes 5'x8', 5'x10', 6'4"x10', 6'4"x12', 3000# GVW

16' Starting At $1,595
w/Gate $1,695



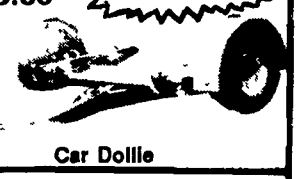
UTILITY WITH GATE - SIZES 12'x76", 14'x76", 16'x76" 18'x76", 18'x81", 7,000# GVW, 20'x81" 12,000# GVW

Also Available In Car Haulers 16', 18' 7,000# GVW

FLAT BED: Sizes 16'x76", 18'x76", 18'x81", 8,000# GVW, self storing 80" long ramps

STARTING AT $695.00

Limited Time 10% Discount In Stock



Car Dollie

International Farm Equipment

- 1 & 2 Bottom Plows
- Discs 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 5'-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Chipper-Mulcher
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 3'-11'
- 4'-7½' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- Truck Beds - 8' to 12'

Over 300 Trailers In Stock
Starting At $495.00
50 Different Models
T-Plates
DEALERS WANTED
Financing Available

$200 OFF IN STOCK -LIMITED TIME-

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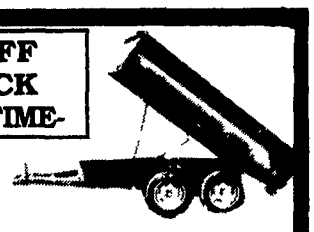
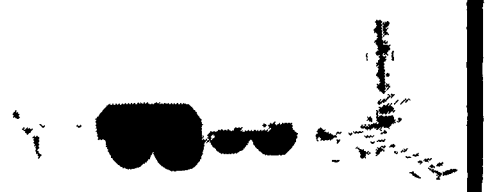


5'x10' 7000# ~~$2,795~~ Special $2,595
6'x10' 10,000# ~~$3,395~~ Special $3,095

ALSO AVAILABLE IN DROP AXLE IN 12' TO 16'

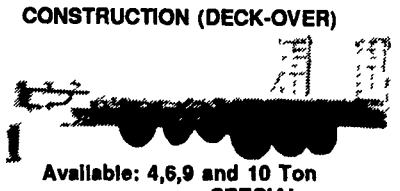


CONSTRUCTION (LOW DECK) 16'x76", 18'x81", 20'x81" 8,000# or 12,000# GVW

Starting At $3695 w/4' Adj. Tail

GOOSENECK SIZES: 20'x8', 12,000# GVW, 24'x8' 18,000# GVW

CONSTRUCTION (DECK-OVER)



Available: 4,6,9 and 10 Ton
SPECIAL:
20' 9 Ton $3495 (1 Only)
24' 9 Ton $3995 (1 Only)

KUTZ FARM EQUIPMENT, INC.

Pine Grove, PA (717) 345-4882

8 AM-5 PM MONDAY TO FRIDAY
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HUTTON FARM EQUIPMENT

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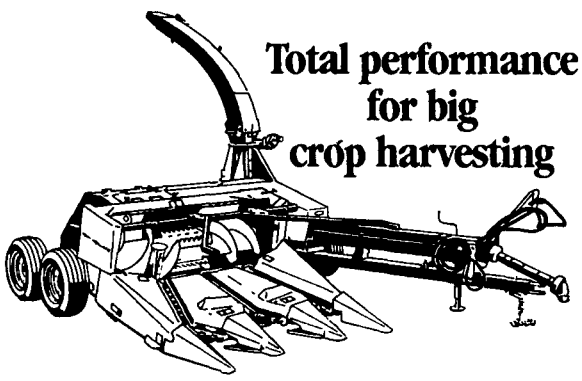
Ford FORD NEW HOLLAND

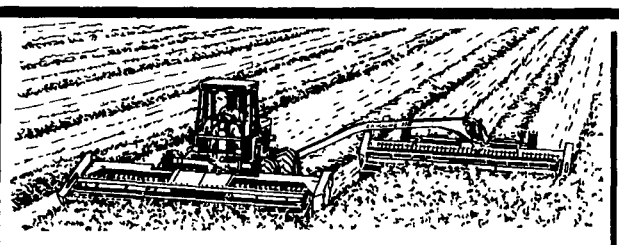
Total performance for big crop harvesting



You get total performance when you harvest your crops with a Model 900 forage harvester Total performance begins at the cutterhead The 12 knives of the 21 inch cutterhead give you uniformly cut high quality forage Other features on the 900 include

- Optional Metalert II electronic metal detector—protects cutterhead and your valuable animals
- Electromagnetic clutches—give instant response in controlling feedroll and attachment drives
- Easy adjust shearbar—makes adjustment fast and precise

Stop in soon and see the Model 900



The Ford Bidirectional™ tractor

Pushes as well as it pulls!

The Ford Bidirectional tractor operates in either direction pushing or pulling whatever implement you need With a Bidirectional tractor you

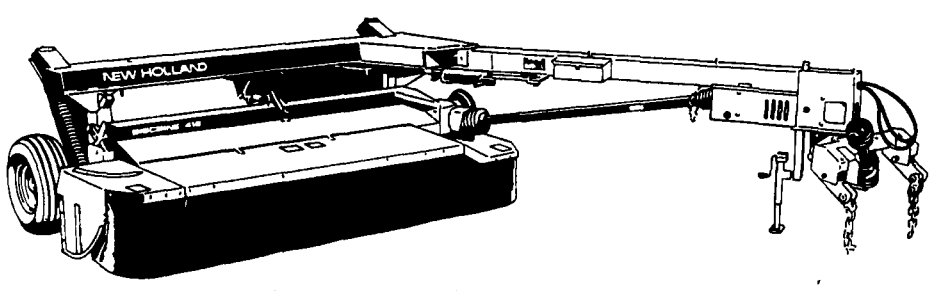
- Get four wheel drive (4WD) pulling/pushing power
- Get a powerful 102 horsepower Ford turbocharged diesel engine
- Get a hydrostatic transmission that gives you the same speed and power selections in either direction
- Get a unique rotating console assembly that lets you rotate seat steering wheel and instrument pod at the same time
- Get a wide choice of attachments to make the Bidirectional tractor the most productive tractor you can buy

Stop in soon! See how a Ford Bidirectional tractor can make your operation more efficient

A solid performer

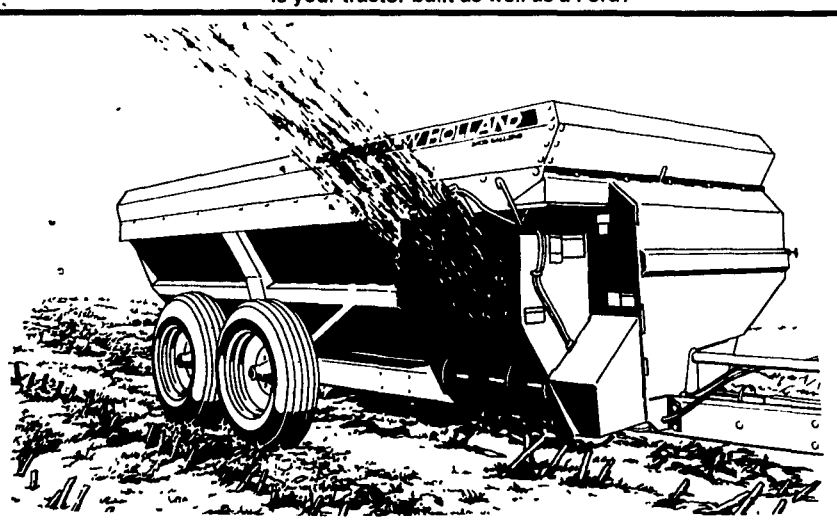
The Ford "8630" is the kind of solid performer you need to get through heavy tillage jobs The turbocharged 121-PTO horsepower diesel engine gives you excellent torque and fuel efficiency. Optional four-wheel drive cuts your field time by up to 20%. And the "8630" is available with Ultra-Command™ powershift—the best powershift ever See it today!

Is your tractor built as well as a Ford?



Dependable Discbine® performance Now wider!

You'll love the wide-cutting performance of the new Model 415 Discbine® disc mower-conditioner Seven discs make an 11½-foot cut to cover acres fast. And with the New Holland torsion bar roll pressure system, you'll condition thoroughly without plugging Stop in soon and let us show you the *big* performance of the new "415"

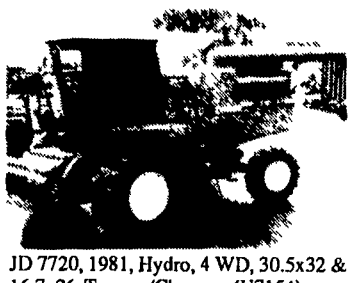


308 Side-Delivery Spreader

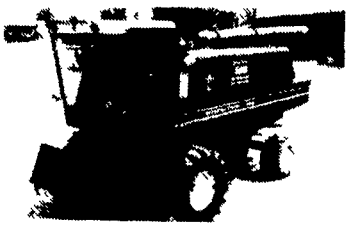
Best Buys in Used Equipment

YEAR-END USED EQUIPMENT SALE

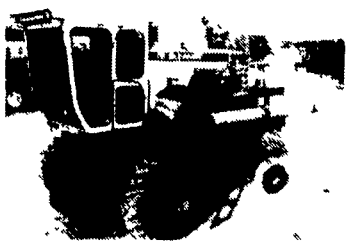
USED COMBINES



JD 7720, 1981, Hydro, 4 WD, 30.5x32 & 16.7x26 Tires w/Chopper (U7154)

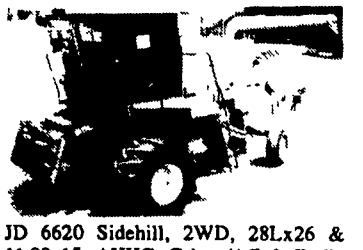


IH 1440 Combine 1978, 2WD, Hydro, 23.1x26 and 18.4 x 16.1 Tires, Cab w/AC, Heat & Radio, w/AHHC (U7068)

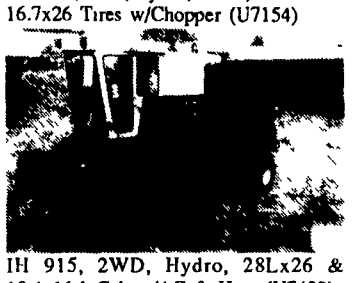


AC F2, Gear, 2WD, w/Rocktrap, 18.4x26 & 11Lx16, Cab w/AC & Heat, w/13' Rigid Platform & 4 Row Narrow Comhead (U7241)

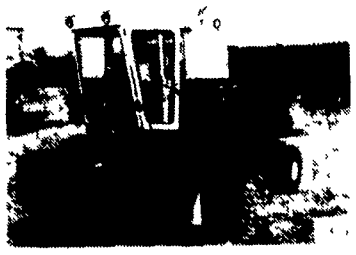
JD 6620 Titan II Side Hill, 1988 2200 Hrs, 4WD w/Chopper, 915 Flex Platform (U6687)



JD 6620 Sidehill, 2WD, 28Lx26 & 11.00x15, AHHC, Cab w/AC & Radio (U7065)



IH 915, 2WD, Hydro, 28Lx26 & 18 4x16.1 Cab w/AC & Heat (U7429)



IH 915, 2WD, Hydro, 28Lx26 & 18.4x16.1, Cab w/AC & Heat, Chopper (U7428)

SPECIAL Case Credit Financing

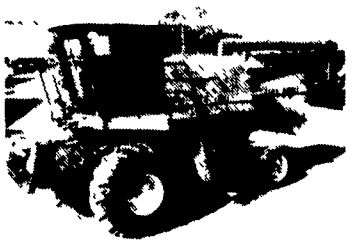
On Combines

...3.9% For 42 Months ...6.9% For 60 Months

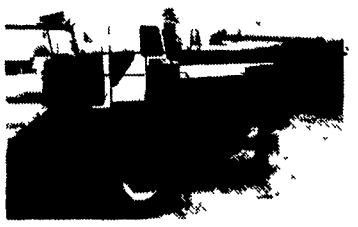
...6 Months Interest Waiver PLUS 6.9% For 48 Months

Conditions:

1. **Order A Used Combine From Hoober's During Our YEAR-END USED EQUIPMENT SALE**
2. **Buyer Must QUALIFY For CASE CREDIT**
3. **Settle By December 31, 1992**

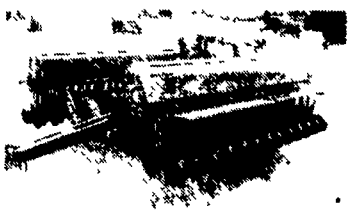


JD 6620, 1981 3180 Hrs, Hydro, 28Lx26 Tires w/215 Platform (U7343)



MF 860, 1981 w/18' Flex Platform, 2 WCD (U6668)

USED PLANTERS AND DRILLS



Great Plains 30' Drill, Folding (V6947)

Great Plains 15' Drill w/Pull Caddy, Needs Blades In Front, 4" Press Wheels (V6677)

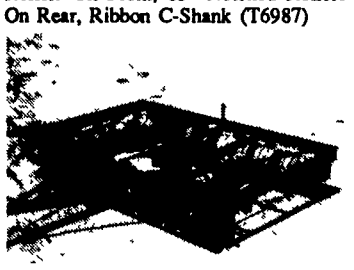
IH 56 Planter, 4 RN, Plate, Dry Fert. (V7223)

USED PACKERS & CULTIMULCHERS

Brillion 12' Cultimulcher, 15" Crowfoot Rollers On Front, 15" Notched Rollers On Rear, Ribbon C-Shank (T6987)

IH 315 Cultimulcher, 13'2", C-Shank, 14" Packer Wheels (T7330)

Dunham-Lehr 42 Packer, 25' Flat Fold, Duals (T7363)



IH 315 Cultimulcher, 12', 19" Notched Rollers, w/Cylinder & Hoses (T6894)

Brillion 28' Packer 11Lx15 Duals, 20" Notched Wheels, New Bearings (T7090)

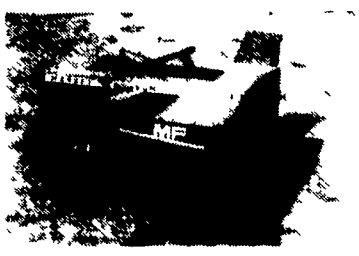
USED HAY AND FORAGE

NH 273 Baler (U7000)

NI 325 Compicker w/314 Pull Type Sheller, 2 Row (U5670)

NH 269 Baler w/Wisconsin Engine (U7138)

CIH 8545 Baler, 1990, Hyd. Pickup & Tension, w/8511 Thrower (U7289)



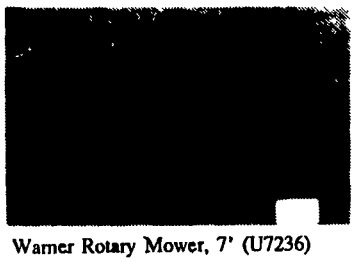
MF 124 Baler With Engine (U6789)

NH 1038 Bale Handler, Good Cond (U7145)

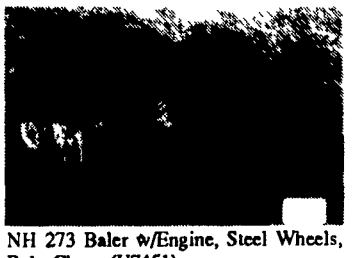
Bush Hog 207 Mower, 3 Pt. (U7172)

Bush Hog 10' Mower, Gear Drive Cutter (U7164)

IH 100 Mower, 7' Sickle Bar, Fast Hitch (U7413)



Warner Rotary Mower, 7' (U7236)



NH 273 Baler w/Engine, Steel Wheels, Bale Chute (U7451)

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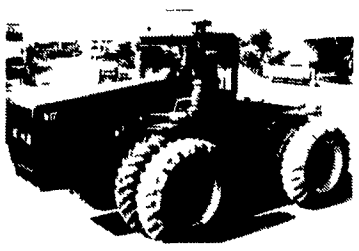
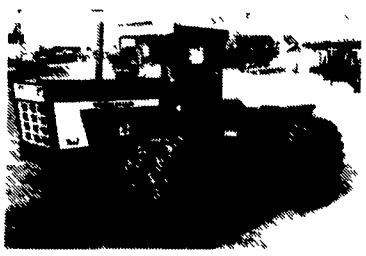


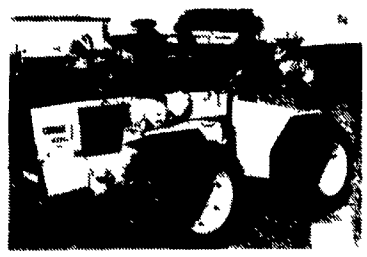
CIH 9170, 3965 Hrs., 20.8x42-20%, w/3 Pt. (W6680)



IH 4366, 200 HP, 4 WD, 3 Pt. 10 Speed (W6683)

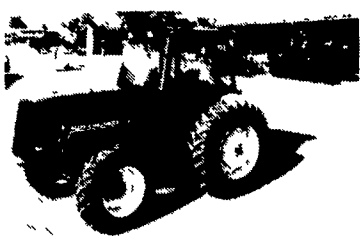
Steiger ST225 Tractor 4WD, 4 Hyd. Valves, 10.8x34 Tires, Clamp-On Duals, Cab w/AC, Heat & Radio (W7109)

Steiger ST210, Diesel, 24 5x32, 3 Pt Hitch w/Top Link, Cab w/AC, Heat & Radio, New Paint (W7087)



Steiger ST251, Diesel, 20.8x38 And Duals, Cab w/AC, Heat & Radio (W7227)

130 To 200 Horsepower



AC 8030, 4WD, WFE, 540/1000 PTO, Powershift, 14.9x28, & 18.4x34 w/ Westendorf WL64 Loader & 72" Bucket w/Grapple (W7092)

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6.90% For 48 Months
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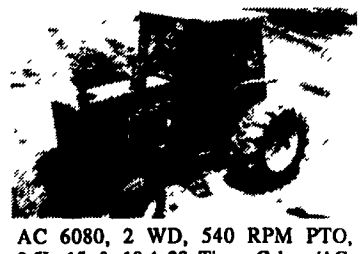
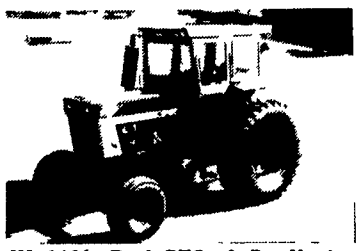
80 To 130 Horsepower



AC 6080, 2 WD, 540 RPM PTO, 9.5Lx15 & 18.4x38 Tires, Cab w/AC, Heat, Radio (W6054)

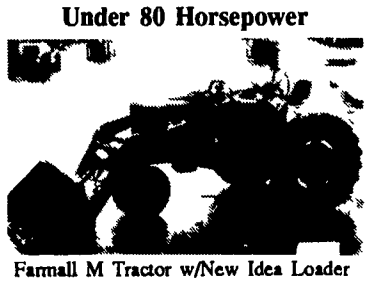
IH 886, Diesel, WFE, 3 Pt. Hitch, 540/1000 PTO, 10.00x16 & 18.4x38, ROPS w/Enclosure (W7364)

Case 1370, Diesel, WFE, 2 Hyd. Valves, 1000 PTO, 3 Pt. Hitch, 11.00x16 & 20.8x38, ROPS (W7394)



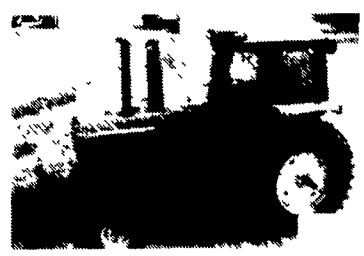
IH 1466, Dual PTO, 3 Pt. Hitch, 11.00x16 & 20.8x38 w/Duals, Cab w/AC, Heat & Radio, 6 Mo. Warranty On Engine, Clutch, TA & Drive Train., Excluding Travel Time (W6962)

Under 80 Horsepower

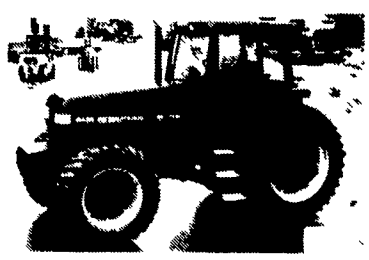


Farmall M Tractor w/New Idea Loader (W7332)

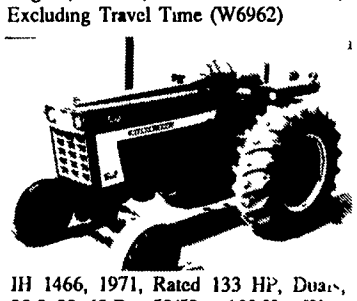
IH Farmall 504, 2 WD, WFE, 504 PTO, 6.00x16 & 13.9x36 (W7412)



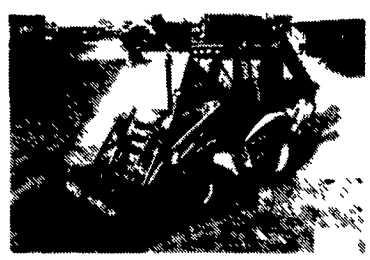
JD 4430, Diesel, 2WD, WFE, 540/1000 PTO, 18.4x38 Rear Tires, Cab w/AC & Heat, Quad Range Trans. (W7054)



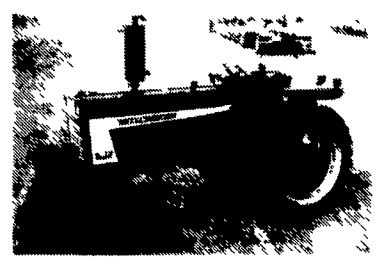
CIH 7110 MFD Tractor, 1990, 3 Hyd Valves, 540/1000 PTO, 14 9x30 and 18.4Rx42 Tires, Cab w/AC, Heat & Radio, Toolbox (W7342)



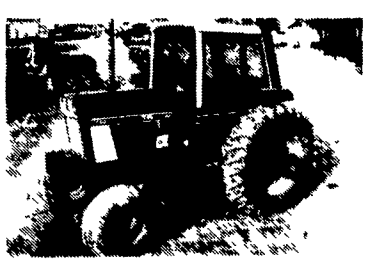
IH 1466, 1971, Rated 133 HP, Duals, 20 8x38, 60 Day 50/50 or 100 Hrs. Warranty On Engine & Drive Train (W6666)



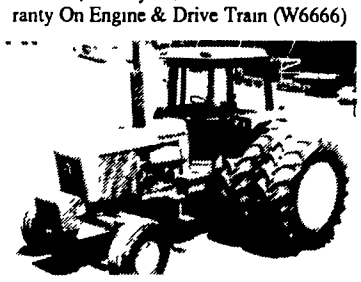
Case 580K Loader Backhoe, 4 WD, 24" Trenching Bucket, 82" Loader Bucket, Cab, ACS Coupler System, 3rd Spool Valve, Very Good Condition (W7384)



IH 666, Gas, T/A, 540 PTO, 3 Pt. Hitch, WFE, 15.5x38 Rear Tires (W7240)

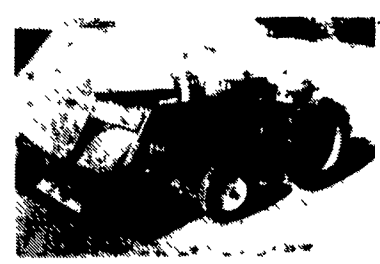


IH 1586 Tractor, 2WD, Dual PTO, 3 Pt. Hitch, 14.2x16 And 20.8x38 Tires, w/ Duals (W7435)

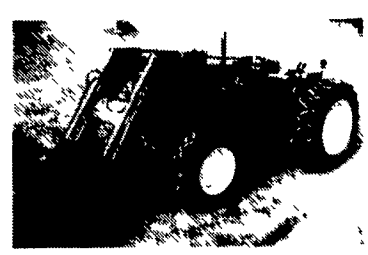


JD 4630, 2 WD, 2 Hydr. Valves, 1000 PTO, 11.00x16 & 20.8x38 w/Duals, Cab With A/C, Heat & Radio (W6934)

IH 656, Farmall, NFE, 3 Pt Hitch, 6 00x16 & 15.5x38 (W7365)



IH 574, Single Remote, 16.9x28 Rear Tires, w/Dunham #22 Loader (W7221)



John Deere 2940 Tractor, 4WD, Dual PTO, 2 Hyd. Valves, 3 Pt. Hitch, 13.6x24 And 18.4x38 Tires, w/260 Loader (W7421)

OTHER USED MISCELLANEOUS

IH 2000 Loader w/Manure Fork (W7192)

John Blue 400 Gal. Sprayer Trailer w/Aluminum Tank & L-4000 Pump (V6820)

John Blue 400 Gallon Sprayer, Gear Drive, Ag Pump (V6678)

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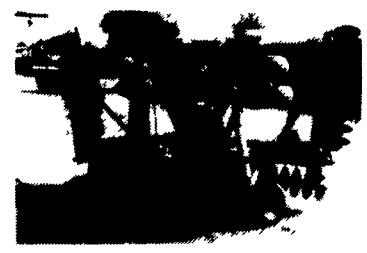
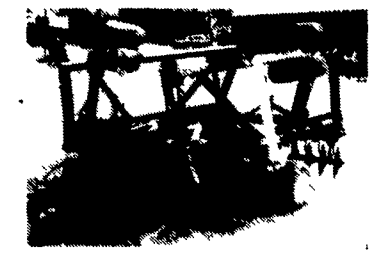
AC 2300 Disc, 16' Wing (T6964)

Krause 4515 Chisel Plow (7155)



Krause 2416 "Rockflex" Disc, 26', 20" Blades Front, 22" Blades Rear (T6924)

Krause 2413 "Rockflex" Disc, 10" Spacing w/New C-Arms (T6767)



Krause 2416 "Rockflex" Disc, 26' Cut, 24" Blades (T6131)

Bush Hog 1560 Chisel, 15 Shank, 19.5' Spring Cushion, 4" Twisted Teeth (T7083)

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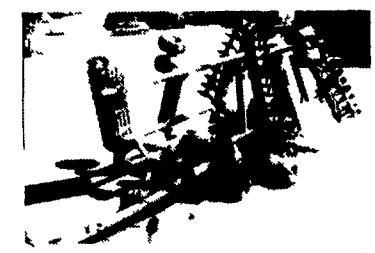
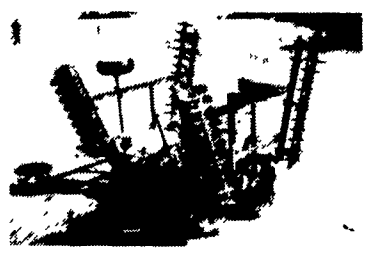
Krause 2416 "Rockflex" Disc, 26' Cut, 9" Frt. & 10" Rr Spacing (T6495)

JD 220 Disc, Single-Fold, Flexwing, 18' Cut, 9" Spacing, Blades 20" FT & 21" RR, Scrapers (T6079)

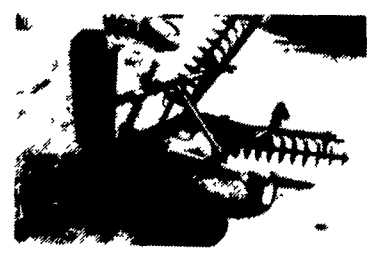


Miller Disc, 28' Cut, 9.5" Front & 10.5" Rear Spacing, Rockflex, Scrapers (T6160)

Krause 1740 Disc, 13'6", Duals, 21" Blades Good Condition (T7369)



Krause 1428 "Rockflex" Disc, 25' Cut, 8" Spacing (T6343)



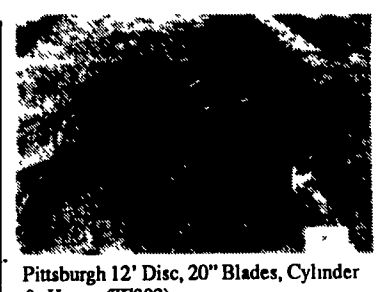
Krause 1577A Disc, 18' 9" Spacing Front & Rear, 22" Blades Front & Rear, Rockflex (T7076)

Krause 1425 "Rockflex" Disc, 25' Cut, 8" Spacing (T4973)

OTHER USED TILLAGE

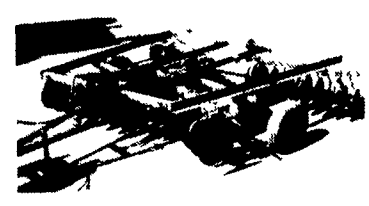
Glencoe 7 Shank Chisel, 8', Spring Cushion Shanks, 3" Twisted Teeth (T6971)

IH 55 Chisel, 10 Tooth, 10'5", 12" Spacing, C-Shank, Spring Trip (T7329)



Pittsburgh 12' Disc, 20" Blades, Cylinder & Hoses (T7392)

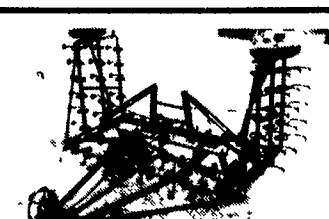
Glencoe 9 Shank Chisel Plow (T7489)



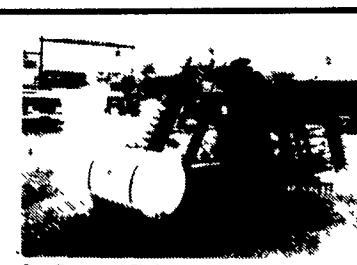
Rhino 77 Disc 12' Rockflex, 19¼" Blades (T6806)

Tailorway 10 Shank Chisel (T7170)

AC 20' Field Cultivator, Folding (T6826)



Brillion Field Cultivator, 22' Swath (T5193)

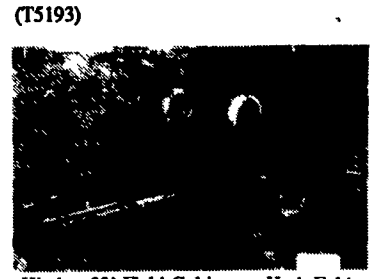


Sunflower 25' Field Finisher, Cushion Shank, Tine Drag, 2 Yr. Old, Disc & Paint Excellent (T6663)

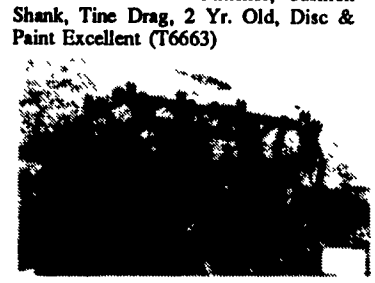
Chem Farms 17' Chisel Plow, Folding w/ High Clearance Spring Cushion Shanks, Green (T7134)

Landoll 220 Chisel, 7 Shank, Teeth In Good Condition w/Depth Wheels (T6952)

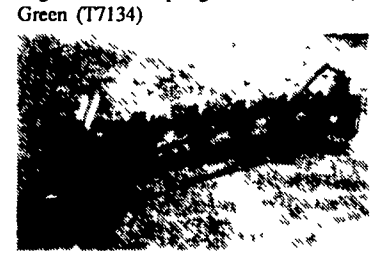
Brillion 24' Field Cultivator (T6684)



Hiniker 23' Field Cultivator, Hyd. Fold, 12' Transport, Cushioned C-Shanks, 6" Spacing (T7311)



Brady Chisel Plow, 14' (T6483)



IH 710 Plow 6-18", Auto Reset, Semi-Mounted (T6813)

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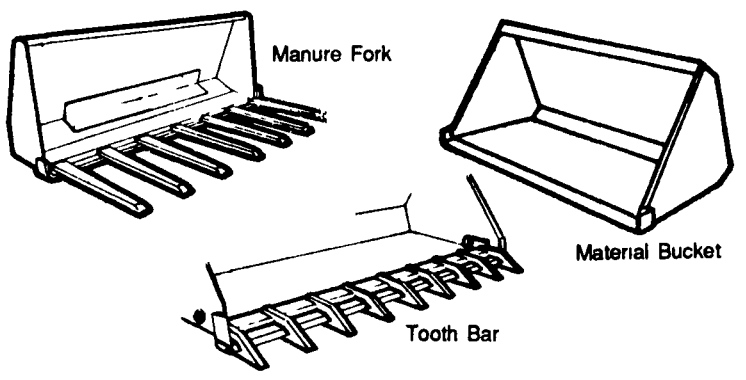

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JD 4440, cab, air, power shift
JD 4440, quad range, MFWD
JD 4430, 4 post, excellent
JD 4430, 1976, excellent
JD 4250, MFWD, cab & air
JD 4240, 4 post
JD 6030, sharp, 4,000 hrs.
JD 4230, cab & air, power shift
JD 4230 fender, quad range
JD 4320
JD 4020, power shift
JD 4020, syncro
JD 3020, diesel
JD 2555, cab & air
JD 2550 w/240 loader
JD 2840
JD 2630 w/loader
JD 2350
JD 2240 w/loader
JD 1070, MFWD, 400 hrs.
JD 1050 w/470 hrs.
JD 2240 w/cab
IH 5088, cab & air
IH 3688, cab & air
Ford 1210 w/loader & backhoe
Ford 5000, diesel
Ford 6600, diesel
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JD 5 btm. on land hitch
JD 8 btm. 2800 varied width on land hitch plow
IH 710 8 btm. 18" spring reset, on land hitch
IH 710 7 btm. on land hitch
JD 2500 5 btm. 18" spring reset
JD 2500 6 btm. auto reset

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244 JD corn heads
444 JD corn heads
443 corn head
643 corn head
JD 215 flex head
JD 6620, 1982, sharp
JD 4400, diesel

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NH 310 baler
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JD 7000 4 row planter
Fox Super D harvester
NI 2 row wide, 12 roll bed
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JD 110 disc
JD 115 disc
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Kewanee 12' mulcher
JD 12' mulcher
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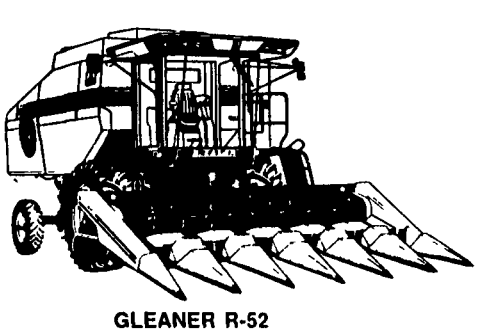

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- AA 4660, 2 WD, ROPS
- AA 46[SOLD]D, ROPS

SPREADERS
- Hesston 262 Spreader w/Hyd. Endgate

COMBINES
- Gleaner R52, 15 Ft. Flex Head, 6 Row Corn Head

TILLAGE
- DA 1250 Field Cultivator
- DA 1500 Min-Till, 9 Shank, Hyd. Coulters
- DA 2500 Disc 10 Ft.

HAY & FORAGE
- Hesston 8200 S.P. Windrower, 12 Ft.
- Hesston 1130 Mower-Cond.
- Hesston 4570 Baler w/Thrower
- Hesston 540 Round Baler
- Hesston F16 Forage Box, 12 Ton Ta[SOLD]Gear

USED EQUIPMENT IN STOCK

- AC 190XT Tractor (narrow front)
- Oliver 70 Tractor
- AC Disc, 13½ Ft.
- IH Disc
- Hayrack Wagon
- Better-Built Tank Spreader, 3600 Gallon
- NI Cut-Ditloner

• Gleaner F2 Combine, 4 Row Cornhead, [SOLD] Ft. Flex Head

• Gleaner L2 Combine, 6 Row Cornhead, 15 Ft. Flex Head

• DA 9150 Tractor AWD, Nice!

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COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines; Good Selection Of 4WD Combines.
JD 8820 4WD, Full Equip. w/220 Flex.
JD 7720 Titan 2 w/215 Flex & 643.
JD 7720 4WD w/216 Flex & 643 Cornhead.
1982 JD 6620 Side Hill w/Full Equip.
1981 JD 6620 Side Hill Combine.
JD 6620 4WD w/215 Flex And 643 Corn Head.
JD 6620 LL, 1 Owner, Full Equipment, $20,000.
(77) JD 7700, C.A.
(75) 6600 D. Rotary Screen.
JD 6600 Gas w/443 Cornhead, As Is.
JD (77) 4400 D., C.A.
JD 4400D, CA Rotary Screen.
JD 4400 Gas, 13' Grain.
IH 1460, C.A., Hydro, 4WD w/820 Flex & 863 Corn Head.
IH 1420 4WD w/810 Grain, 943 Corn Head, 4R Sunflower Head.
MF 850 C.A., Charge Cooled, 4WD w/9118 Flex.
MF 850 C.A., Turbo, Hydro., w/17' Flex And 6R Cornhead.
MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.
MF 750, Gray Cab, Air, Turbo Hydro, Real Nice.
MF 760 C.A, Hydro w/2 Heads.
MF (76) 750 Cab, Air, Hydro
MF 750 C.A., Hydro w/Grain & 63 Corn.
MF 550 C.A., Hydro., 4WD.
1980 MF 550 C.A., Hydro
MF 510 Dsl w/2 Heads
IH 915, Turbo Hydro, 4WD, w/810 Grain.
(77) IH 815 D, C.A Hydro, 4WD w/810 Grain & 4R Corn.
(77) IH 715 German Dsl. CA w/2 Heads, Real Nice.
IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C A. Hydro w/Cat Dsl.
IH 82 Pull Combine, Real Nice
NH TR70 C.A. Hydro.
Gleaner N-5 w/15' Flex & 630 Corn (Needs Work)
Gleaner F2 D, CA, w/A430 Corn Head And 13' Flex.
Gleaner F Gas w/13' & 430 Corn.
NI 702 D. w/727 bed & 3R C.H.; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.

CORNHEADS: JD 643 Oil Bath, 643 LP, 643, 444 LP, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 453, 454 And 653 Row Crop Head.
IH 983; 963; 863; 844, 833, 763, 744; 743; 327; 227.
Gleaner A638 Corn Head; ML 630; A.C. GL 440, C440, A438 Black, F2, M430, Gleaner C430 C.H., F335.
MF 1163, 1144, 1143, 63, 44, 43, 24.
NI 738, 743, 744W, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404).
NH 974 N6; NH 974 W6; NH 962 N3 & 962 W4; NH 962 6RN; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.
820 16½' Flex.
IH 810-13' Thru 17.5' w/ Reg. or Floating.
M.F 10'-16' Reg. or Floating Bar; A.C. E10'.
N.I. 713 Flex Or Rigid; NI 715 S Flex.

TRACTORS: Good Selection Of 4WD Tractors
JD 2955 ROPS; JD 8850 4WD, C A., 3 Pt., PTO, Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A.P.S., MFWD, And Duals; JD 4650 C.A.P.S., Real Nice; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450, C.A.P.S., MFWD, Duals; JD 4450, C.A.P.S, MFWD; 1988 JD 4250 C.A.P.S.; (85) JD 4250 C.A.Q.R.; 1985 JD 4050, C.A.P.S., MFWD, Like New; JD 4050, C.A.Q.R., 1900 Hrs., Excellent Cond.; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR; JD 4050, ROPS, Power Shift; JD 2950 C.A., MFWD; JD 2950 C.A.; JD 8640 C.A., 3 Pt., PTO w/Duals; JD 8440 C.A., 4WD; JD 4840 C.A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., QR, Duals; JD 4640 C.A.Q.R., 18.4x42 Duals; JD 4640 C.A.Q.R; 4640 C.A.P.S.; 1981 4440 C.A.P.S., 20.8x38 Radials, Real Nice; 1981 JD 4440 C.A.P.S.; JD 4440 C.A.P.S., FWA; JD 4440 C.A.P S., 4WD, JD 4440 C.A.Q R.; 1982 JD 4240 C.A Q.R., Real Nice; (82) JD 4240 C.A.Q.R.; (81) JD 4240 C.A.Q.R.; JD 4240 C.A.Q.R , Nice; JD 4240 C.A.Q.R.; JD 4240 C.A. w/Creeper Trans; JD 4040 C.A.P.S., Real Nice; JD 4040, C A.Q.R., Nice; JD 4040 Fender, Power Shift; JD 2940 MFWD; JD 2940 CA; JD 2940 MFWD; JD 2840; JD 1982 2440 w/146 Loader; JD 2040; JD 8630 C.A., 4WD w/Duals; JD 6030 w/cab, 30.5x32 Tires; JD 6030 CA duals, real nice; JD 4630 C.A.P.S. (Rebuilt Power Shift); JD 4630 w/ cab, PS, 4WD; 4630 SR w/Cab & Air; JD 4630 Fender, Syncro Range; JD (77) 4430 C.A.P.S., 4WD; JD 4430 C.A.Q.R.; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4230 CA, Syncra Range, Nice; JD 4230 C.A.Q.R.; JD 4230 C.A.Q.R., As Is; JD 4230 ROPS, QR; 4430 ROPS, Syncro Range; JD 4230 w/Cab, QR w/Slight Fire Damage; JD 4030 Quad Range w/Cab; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; JD 4020 [SOLD] 34 Radials, Real Good; JD 4020 18.4x34 Radials, Real Good; JD 4020 18.4x34 Radials w/158 Loader; 4020 S.C., W.F.E.; 4020 PS w/Cab; 4020 WF, Powershift, Orig. Paint, New 18.4x34's; 4020 S.C., W.F.E.; JD 4020 Dif. Lock, 2 Hydraulics; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/Cab, Real Good; JD 4020 Power Shift; 1972 JD 4000 w/Cab; JD 4000 D WFE; JD 4000D (As Is); JD (72) 3020 Tricycle Dsl.; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; JD 3020D, WFE; JD 3020 (As Is); JD 3020 G; JD 4010 WFE, Nice; JD 4010 D WFE (As Is); JD 4010 Tricycle, Gas, w/Cab, Nice; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 3010 Gas, Tricycle; JD 3010 Tricycle, Gas; JD D 2510 Tricycle, Gas; JD 730D WF, 3 Pt., Original; JD 730D; JD 720 Gas w/3 Pt.; JD 520 w/PS; 1950 JD D.
IH 6588 2+2, Real Nice; IH 5488, C.A., MFWD, 20.8x38 Duals; IH 5488 w/Duals; IH 5488, C.A., Duals; IH 5288 C.A., w/20.8-38 Duals; IH 5088, C.A., 2 PTO's, 3 Hyd.; IH 5088 C.A.; IH 3588 2+2, C.A.; IH 3388 2+2; IH 4786 C.A. 4WD; IH 1586 C.A.; IH 1586 C.A. (Needs Trans. Work); IH 1486 C.A. Duals; IH 1486 CA; IH 1086 CA, 3 hyd, 20.8x38 duals; IH 986 ROPS; IH 186 Hydro ROPS; 886 w/R.G.; F786; F686 Original; Farmall 86 Hydro w/2250 Ldr.; IH 4166 4WD, w/3 Pt. And PTO; IH 4166 C.A., 4WD w/3 Pt., Nice; IH 1466, C.A., 18.4x38 Duals; IH 1066 Year Round Cab w/ Air; IH 1066 w/Cab; F 1066 Fender, Original; IH 1066 (Needs TA); 1566 w/ Cab; 1466 w/Cab; 1466, C.A.; IH (76) 1466 w/ ROPS; 1466 Fender; IH 966 Year Round Cab w/ Air; IH 966; IH 966D, WFE, TA, 2 Hyds.; 966 Fender; F766 w/Factory Cab; 766 Fender Dif-Lock, New Tires; IH 784 w/2250 Loader; IH 784 MFWD; IH 684 Row Crop Utility; 574 D. w/Loader; Farmall 544 Gas, WF, 3 pt.; Farmall 856 Dsl.; F856; IH 856D (As Is), IH 826 Hydro w/ROPS; F826 (As Is); IH 806D, WF, 3 Pt.; IH 1206; IH 706 Gas (As Is); IH 560 Standard Dsl.; Farmall 560 Dsl.; Farmall 460G, Original; Farmall 350 Tricycle w/PS, FH; Farmall 140 w/ Cultivator; IH Super AV w/ Cultivator; Farmall A w/ Plow.
AC 8070 C.A.P.S. w/Duals; AC 8050 C.A.P.S., MFWD; AC 7040 C.A.; AC 7010 C.A.P.S., w/AC 470 Loader; AC 7000 Fender; AC 5040; AC 200 D original; AC 185, WFE, New Tires; AC D21 Series 2.
(86) Deutz Fahr DX 8.30A, 190 HP, C.A.P.S., MFWD, Nice; Deutz Fahr DX 830 C.A.P.S., MFWD; Deutz D[SOLD], MFWD.
CASE IH.
Case IH 9130, C.A., 4WD, Like New; Case 7130 MFWD, 20.8x42, Duals, Like New; Case IH 7130, 20.8x42 Duals, 680 Hours, Like New; Case IH 7120 MFWD, 20 8x42 Duals, 900 Hours, Like New; Case IH 7120 MFWD, Real Nice; Case IH 2294 C.A P.S., MFWD, Case IH 2294 CAPS; Case 2294, C A P.S., MFWD; Case 2294, C.A P.S.; Case 2094 C.A.P.S.; Case 2094 PS, Fender; Case 4890 4WD Full Equipment; Case 2590, C.A.P.S., 20.8x42; Case 2390 C.A.P.S., Duals; Case 2290 C.A.P.S.; Case 2090 C.A.P.S.; Case 2290, C.A.P.S.; Case 2090 C.A.P.S.; Case 1690 C.A., MFWD; Case 1390; Case 1370 C.A.P.S. (As Is); Case 970 CA; Case 970; Case 730 Gas w/3 Pt., WF; Case 530 w/ Power Steering And 3 Pt.
MF 3545, C.A., MFWD; MF 3545 C.A; MF 2805 C A., 24 Speed, w/Duals; MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 2705, C.A P.S.; MF 2675 C.A. 24-Speed, MF 1800 C.A., 4WD w/3 Pt.; MF 1150 w/Cab; MF 1150 Fender w/Duals; MF 1135 Fender; MF 1100, MF 1085; MF 235; MF 175; MF 165D.
Ford 1988 TW35 Series II CA, MFWD w/Duals; Ford TW25, CA, Real Nice; Ford TW10 w/Cab; Ford TW10, ROPS, Dual Power; Ford [SOLD] ender, Real Nice; Ford 7700 w/ Roll Guard, Dual Power And Load Monitor; Ford 7700 ROPS, New 18.4x34 Tires; Ford 8600 w/Cab, Needs Motor Work; Ford 8000; Ford 8N, Good Cond.
Versatile 500 4WD, Full Equip.
White 2-155 C.A., MFWD, 1981 White 2-135 Red Stripe, C.A., MFWD; WHITE 2-135, C.A.; White 2-105 w/Cab MFWD; White 2-105 C.A.; White 2-85 MFWD; White 2-150 ROPS, Good Condition.
Oliver 1655 D, WFE; Oliver 1655 D; Oliver 2050; Oliver 77 WF, MM G1000 Nice.
Steiger Bearcat 2 w/Duals & 3 Pt.; Steiger Bearcat w/3 Pt. & Duals.

Tractors & Equip. Just Traded:
JD 4630 C.A.Q.R.; 1951 Ford 8N; NH 354 Grinder Mixer; NH 472 Haybine; IH 1066; JD 3960 w/3R & 7' Pickup, Like New; NH 357 Grinder Mixer; Glenco 7 Tooth Stretch Frame Soil Saver; JD 8300 18x7 w/ Grass Seed & Press Wheels, Real Nice; Hesston 1380 C.A.; JD 950 w/ Loader; Gehl 960 Box w/ Roof; JD 4020 Side Console, PS, IH 1586 R.O.P.S.; JD 2840 ROPS, Like New; Lely Roterra, JD 920, 15' Cultimulcher; JD Stack Mover; JD 843 Oil Bath; Bush Hog SC900 Soil Finisher.

(New) NI 325 Corn Picker w/12 Roll Bed.

CORNPICKERS (4) NI 325 w/12 Roll Husking Bed, Real Nice, (4) (Used) 325 2RN w/12 Roll Husker, Shellers & Super Shellers, New Idea 325 Picker w/12 Roll Bed & Super Sheller, Real Nice, NI 325 w/12 Roll Bed, Good Cond., (4) (Used) 324-2RW w/12 Roll Huskers, NI 324 w/Sheller, Shellers & Super Shellers, NI 323, Excellent, NI 323 Nice, NI 323, NI 323 Picker, NI 330 3R Picker w/12 Roll Bed, JD 300 Picker w/243 Corn Head, Real Nice, IH 560 Gas w/234 Mounted Picker
New NI 329 Super Sheller List $6700 00, Special $3,550, NI 330 - 3 RN w/Supershellers, 325 2RN w/Grinder
PICKER NI 319 2 Row Mounted Picker w/12 Roll Bed, NI 305 Mounted Picker w/12 Roll Bed
FORAGE EQUIP Forage Harvesters w/Choice of Heads
JD 5720 C A. 4WD w/3R & 7' Hay Pickup, Real Nice, JD 5460 4WD w/3R & Hay Pickup, JD 5200 4WD, JD 3970 w/Spout Trak & Row Trak w/3R & Hay Pickup, JD 3970 w/7' Pickup, JD 3960 w/2 Heads, Full Equip, JD 3940, JD 3800 Chopper, Hay Pick-Up, JD 3960 w/3R Cornhead, JD 38 w/2RN & Hay P/U, JD 35 Chopper
NH 1895 C A., 2WD w/Auger Base, Hay Pickup, 3RN & 3RW Cornheads, NH 1890 4WD w/3 Row Auger Base & Hay P U., NH 1600 w/Metal Alert w/3R & Pickup, NH 900 Tandem Axle w/Metal Alert II w/824 Corn Head & 900W Pickup, NH 900 Chopper, Like New, NH 900 Chopper, NH 782, Nice, NH 782 Chopper, NH 718 w/Hay Pickup, IH 720 w/2R And Pickup, IH 781 Chopper w/2R & Hay Pickup, IH 830 Chopper w/2R & Hay Pickup, IH 830 w/3R Cornhead
NI 709 4WD Chopper w/3R & Hay Pickup, 717 Combine & 13' Grain, NI 709 CA Turbo Hydro 4WD
Gehl 600 w/2R & Hay Pickup, Gehl 600 w/2RN, Gehl 400 w/2RN
Hesston 7140 w/Hay Pickup
Field Queen Self-Prop Chopper w/ Cab And 2 Heads
NI 709 Uni, 4WD, w/767 Chopper
Fox Super D w/Cab 3R C H & PU
Fox 3300 w/2RN & Hay Pickup
Gehl CB 1200 Chopper
Balzer 1014 Hydraulic Dump Station
FORAGE HEADS NH 890A Auger Base w/890 N3 Corn Head, NH 824 Corn Head, NH 880 3RN Silage Head, NH 890 EN2 Snapper Head, NH 717-S Direct-Cut for 770 & S717, 890 EN-2RN Snapper, 770-1R Snapper, (3) NH 822 Silage, NH 890 w/2 or 3R C H, NH 890 2R Snapper Head, NH 890 Direct Cut Head, 1R & 2R Silage, NH 880W PU, NH 880 S Direct Cut, NH 974 4RN Corn Head w/Adapter Plate
JD 2 & 3R Snapper, 2 & 3 R Silage, JD 3RW Silage Head, Used 5½' and 7' Hay Pickups, JD 443 w/ Adapter Plate, JD 443 Low Profile Corn Head w/Adapter Plate For Harvester, JD 343 Cornhead w/ Adapter Plate, JD 243 C H w/ adapter plate, 3 JD C H harvester adapter plates JD 6' Direct Cut Head
2RN for 650, NI 766 Hay PU, Gehl 2RN Corn Head Gehl HA900 Hay Pickup
NI 768 WN 3R Corn Head, NI 763 3R Corn Head
2 CSB 2RW - Snapper, 263-2 RW, 109 Hay Pickup
BLOWERS. Gehl 1580, Farmhand Burr Mill Blower
FLAIL CHOPPERS IH #8, JD 16A Flail Chopper, Brillion 6R Stalk Shredder, Gehl 7200 Flail Chopper, NH [SOLD] opper, NI 4R Stalk Shredder, Brillion 6R Stalk Shredder
SILAGE WAGONS JD 716A Tandem w/Roof, JD 716 Tandem w/Roof, IH 130 Tandem Axle w/Roof, JD 216 Wagon w/Roof, NH 8 Wagon w/Roof
HAY EQ. BALERS IH 8540 Baler w/ Thrower, Real Nice, Deutz Allis HD 490 Baler w/Thrower, Like New, JD 467 Wire, JD 347 Baler w/Thrower, JD 347 w/Thrower, JD 347 w/Thrower (As Is), JD 337 w/#40 Ejector, JD 337 w/ Thrower, JD 327 Baler w/ Thrower, JD 327 Baler w/ Thrower, JD 24T w/#30 Ejector
Ford NH 3[SOLD] Tension & #70 Thrower, Ford NH 326 Baler 3 Yrs Old, NH 316 w/#70 Thrower, Nice NH 425 Wire Tie Baler, NH 320 w/New #70 Thrower, NH 320 Baler w/70 Thrower, NH 320 Baler w[SOLD] Chute, NH 316 w/#75 Thrower, Real Nice, NH 315 w/70 Thrower NH 315 w/ Thrower, NH #75 Ejector, Hesston 4600 In-Line Baler w/ Thrower
ROUND BALERS JD 410 NH 849 w/ Auto Wrap, NH 848 w/Memory Wrap, NH 851 Rd., NH 847 Auto Wrap, Real Nice, NH 847 w/Auto Wrap, Like New, NH 847 Auto-Wrap, NH 847 w/Auto Wrap, NH 846 Auto-Wrap, Gehl 1850, IH 2400, IH 241, NI 456
RAKES
NI 406 Hyd Drive w/Dolly Wheel, JD 660 Rake w/Dolly Wheel, (New) PZ 420 Rake, Grimm 4 Star Tedder, Deutz Fahr 252 4 Star Tedder, Deutz Fahr KH 700 6 Star Tedder
Ford NH 144 Windrow Inverter (Demo)
Pequea 466 Windrow Turner
Gehl 3 Pt Bale Mover
HAYBINES Ford NH 1496 C A Hydro w/New Rolls (1982) NH 1495 D C A Hydro, 800 Hrs, NH 1495 Gas w/Cab, NH 1495 Gas Haybine, NH 499 Hydro Swing 495 NH 489 Haybine, Nice, 489, NH 489, NH 479, NH 478, Nice, 478 NH 477, JD 1327 Discbine, Real Nice, JD 1219, Deutz Allis SM 70 Discbine, IH 1490 12' Center Pole Hydraswing, Case IH 8340 Haybine, Used 1 Year
New MC 7E, NI 270 Cutditioner
BALE WAGONS NH 1005 and 1010, NH 1012, NH 1030, NH 1033, NH 1002
PLANTERS (2) JD 7200 6R Planters Full Equip, JD 7000 8 Row Planter w/Dry Fert, JD 7000 6R Dry Fertilizer w/Auger Fill, Good Condition, JD 7000 6R Cons, Dry Fert, JD 7000 6R Cons Liq, JD 7000 6R Corn Planter, Dry Fert JD 7000 6R Planter; JD 7100 6R Planter, 3 Pt, JD 5R Splitter w/ No-Till, JD 7000, 6RW Plate Planter, JD 7000 4RN, Fully Equipped Real Nice, 7000-4R Dry & Liquid, JD 7000 4R Plate Planter, IH 800 6R Planter, IH 800 4RN Liq Plate Planter, IH 56 4R Planter, Hiniker 4R Econotill, No-Till, w/Kinze Units
DRILLS Lilliston 9690 10' No-Till Drill, Real Nice, Lilliston 9690 10' No-Till, Lilliston 9670 8' No-Till, Tye 12' No-Till Drill, JD 8300, 24x6 JD 8300 21x7 Single Disc Drill, JD 8300 Drill, 21x7 DD, JD 8350, JD 1500 3 Pt Power Drill, JD 9300 Tandem Drills, Tye 24x6 Drill, IH 5100 24x6 w/Grass Seed & Press Wheels, Real Nice, IH 5100 21x7 DD w/Press Wheels, IH 5100 24x6 Single Disc w/ Grass Seed, Like New, 510 24x6 Double Disc, (New) Brillion 10' Transport Seeder, Brillion 10' Seeder w/Transport, Brillion 10' Transport Seeder
GRINDERS/MIXERS. Bearcat Roller Mill, NH 396 Tandem Axle Tub Grinder
TILLAGE EQ Ford [SOLD] Reset, IH 710 3X 18" Spring Reset, IH 710 3X Semi, JD 845 4X Roll-Over, JD 1250 4X, Real Nice, JD 1250 4X Plow, JD 2600 4X, JD 145 4X Plow, JD 1450 5x18 Plow, JD 2600 4X Trip Plow, IH 720 5X Reset, New Taylorway Pittsburgh 5X 18" Spring Reset, White 549 5x18" Plow, IH 700 6X Auto Reset, IH 720 6x18 Plow, IH 720 6X Reset Plow, IH 720 6x16 Spring Reset On-Land, JD 2700 6X Plow, JD 2800, 6X, On-Land, Case 400, 6x18 Spring Reset On-Land, (2) JD 945, 5X Semi Rollover, (2) JD 2800S, 7X, JD 2800 7X On-Land, IH 710, 7X On-Land, JD 2800 7X On-Land, JD 3600 8X Spring Reset, On-Land JD 2800 8X Plow
CHISEL PLOWS. IH 55 9 Tooth, Brillion 10', JD 1600-12', Brady 12 Chisel Plow, JD 1600 12' Pull Type; AC 1600 14' Pull Type, AC 13' Chisel Plow, Bush Hog 10' w/ Buster Bar
DISCS. [SOLD] iller 11' Offset Disc, Miller 10' Offset Disc, IH 770 10 Offset Disk, Like New, IH 770 20' Hyd Fold Offset Disc, JD 110, JD 110 14', JD 210 14' Disc, Real Nice, JD 230 13' Disc, JD 1630 11', Oliver 242 14' JD 215 Disc JD 215 Disc, JD 310-14', Kewanee 15' Rock Flex Disc, Real Nice, IH 500 15' Disc, Miller 12' Offset Disc, White 15' Offset Disk, Krause 1587 17' Center Fold Rock Flex, IH 496 18' Hyd Fold w/New Blades, Dunham Lehr 34-20' Rock Flex Disc, JD 235 23' Fold Disc, JD 230 24' Hyd Fold Disc, JD 235, 25' Disc
MULCH TILLERS JD 1710 11 Tooth Mulch Tiller, Glenco 9 Shank Soil Saver; Bush Hog 13 Soil Saver, Glenco 18' Fold Soil Saver, Glenco SS18 Fold Soil Saver
CULTIMULCHERS (NEW) Brillion 21 Flat Fold, Chattanooga 10', JD F950 12', Brillion 15' Cultimulcher, Brillion 12' And 15' Cultimulchers, Brillion 13 Ft Cultimulcher, Brillion 13', Brillion 14' Cultimulcher, Dunham Lehr 15', IH 315 15'
CULTIVATORS JD 4R Front Mount Cultivator, JD AT 40 4R Front Mount Cultivator (2) 4R S-Tine Cultivators, (2) Westco 6R S-Tine Cultivators, JD 6 Row Cultivator, JD RM 6R, IH 65 6 & 8R Front Mounted Cultivator Oliver 6R Front Mount, JD 8R Cultivator, 8R S Tine Cultivator JD 1010 28 Hydraulic Fold Field Cultivator, White 283 20' Hyd Fold Harrow, Brillion 23' Hyd Fold Field Cultivator, Brillion 14' Field Cultivator MF 14' Field Cultivator IH 12 3 Pt Field Cultivator
MISC Brillion 15 Packer Brillion 12 & 14' Packers, JD 400 15 Rotary Hoe, JD 400 20 Rotary Hoe JD 400 15' Rotary Hoe JD 414 14 Rotary Hoe, Brillion 12 Double Packer, IH 14 9 Shank Spring Reset V Ripper IH #11 5&7 Shank Spring Reset V Ripper Tebben 7 Tooth Pull Type Subsoiler
INDUSTRIAL IH 3444 Diesel Indust Tractor Loader w/3 Pt And PTO, IH 3616 Dsl w/Ldr IH 510 4WD Payloader, Long 1199A 3 Pt Backhoe, New Arps 740 3 Pt Backhoe, MF 2200 Dsl Forklift As Is, Oliver 551 Forklift
1978 Case 580C Dsl L B ROPS, Cab w/Heat, Cas[SOLD] w/ ROPS, AC 715B L & B, IH TD14 Angle Blade, $2 995, JD 450C Crawler Loader, JD 555 Crawler Loader, 4 In 1 Bucket For JD 450
SKID LOADERS Gehl 4610 Dsl Case 1835B, Case 1845 Gas Case 1845, Case 1830, Case [SOLD], 1987 Melroe Bobcat 743 Dsl, Case 1740 Dsl JD 170
LOADERS & BLADES JD 58, 145 148, 280, Case IH 2250, IH 2455 Loader, IH 2355, Like New, Case IH 2255, 2250, Farmhand #258 (JD 4230), Artsway HD loader for 4WD, Westendorf 64L, AC 470 Loader, Ford Ldr For 8000 Etc, JD 8' Dozer Blade For 4430, Etc, Leon 12' Heavy Duty Front Blade Amco 905 Heavy Front Blade, York 8' 3 Pt Stone Rake, JD 155 g'
LAWN & GARDEN JD 1050 MFWD w/PS & JD #75 Loader, 1988 JD 1050, ROPS, 2WD, JD 950, ROPS, 2WD, JD 850 w/Belly Mower, JD 650 2WD w/Front Blade, Kubota 185 w/Woods Mower, Kubota B6200 MFWD w/ Loader & Woods 400 Mower, Kubota G5200 w/Mower, Satoh 650 w/Loader, IH 284 w/3 Pt, Nice, JD AMT 622, JD 600 AMT, Ford 1300 Dsl w/Belly Mower, Gravely 9000 Commercial Mower, Simplicity Dsl, JD 600 5 Wheeler, Cub Lowboy, Cub 184 w/Mower & Creeper Trans, Cub Lowboy w/Mower, Farmall Cub w/Equip, Cub Cadet 782 Diesel, Like New, Cadet 1862, JD 935 D w/Front Mower, JD 400 w/Cab & 3 Pt, JD 332D, JD 318, 317, 214, 212, 210, 160, JD 318 Blade & Snow Blower, (New) Johnson Loader For Cub Loboy, Snowblower For JD 300 Series
New Yanmar YFL 1000 Ldr

ROTARY CUTTERS JD 1508 Wing Cutter, Sunshine 6', Servis 15, Hardee Ditch Cutter

SICKLE MOWERS NH 450, IH 1300

MANURE SPREADERS New H&S #310 Tandem Axle Spreader, New JD 450 Push Spreader, Martin 1678 Tandem Scavenger Spreader, Badger 5800L 1500 Gal Tandem Tank w/Vacuum Better Bilt 1500 Liquid Spreader, Clay 1500 Gal Liquid Spreader w/Vacuum, JD 450 Hydra-Push NI 354 Tandem Spreader, Martin V3300 Tandem Tank NI 212, NI 12A

New Killbros Bins & Running Gears

MISC. Walinga 510 Agri-Vac, Artsway 860B Feed Mix Wagon, (9) Grove Flat Wagons, (New) Mayrath 32' Elevator, Ritway Rock Picker Leon Rock Picker, Rock Picker, Farmhand 8' Snow Blower, JD Quick-Couplers, JD WF, 4WD, IH Flat Top Fenders For 706-1466, IH 66 Series Cabs, Damaged IH 84 Series Cab, Year Round Cab For 4320, J D & I H Front & Rear Wts, New WFE For Ford 7700, Case Motor For 970 J D Roll-Guards

(NEW) NEW IDEA CORN PICKERS
Truckloads of 1R #323 & 2R #324 Pickers.
Also Super Shellers
Below Dealer Cost
Dealers Welcome Also
NEW IDEA
Available Only From Stitzel's Financing Available

DECEMBER SPECIALS

TRACTORS	
(70) JD 5020	$ 4,000
IH 1086 C.A	$ 8,900
COMBINES	
1973 JD 6600 D C.A w/Grain Head	$ 3,500
IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 6,900
IH 715 Gas w/Cab & 810 Grain	$ 3,900
M F. 510 Diesel w/Cab & Q T Grain	$ 2,500
JD 4400 Gas	$ 3,000
MISC.	
NI 325 w/12 Roll Bed	$ 2,500
IH 800 4 Row Plate Planter	$ 2,500

Largest Selection Of Quality Farm Equipment In The East

WALTEMYER'S SALES & SERVICE INC.

JOHN DEERE

TRACTORS
NEW
6400 CG
2355. MFWD
USED
JD 430 2 Cyl. W.F.
JD A Unstyled oil peg, v.g.

COMPACT UTILITIES
NEW
670, 770, 970, 755, 855, 1070
USED
AMT 622 nice

HARVESTING
NEW
JD 643 Cornhead
JD 915 Flexhead
JD 9400 Comb.
USED
JD 444 Cornhead
JD 215 Flex Head
IH 303 Combine
10' G.H. 2 RW C.H.

PLANTING
NEW
750 No till drill, 10' & 15'
7200 4R dry fert.
7240 11R liquid fert.
450 17DD drill
USED
IH 56 4 RW Planter, Dry Fert.
AC 4 Row No-Till Corn Planter (Liquid)

TILLAGE
NEW
610 Chisel Plow 8'
960 Field Cultivator
635 disc 12'2"
825 6RN 3 pt. cultivator
2000 4X spring reset semi-mount plow
Kverniand plows
USED
JD 210 Disc 12' New Blades

SKID LOADERS
NEW
575, 675

HAY EQUIP.
NEW
1360 Discbine
Pequea Hay Tedder
16A Flail Chopper
1219 Haybine
338 baler w/#40 ejector
335 round baler
435 round baler
672 rake
USED
Hesston Stack-hand #10
JD 1207 Haybine
1327 Discbine

MISC.
NEW
JD 25A Flail Cutter
403 Rotary cutter
503 Rotary cutter
603 Rotary cutter
516 Rotary cutter
717 Rotary cutter
350 manure spreader
550 manure spreader
720 running gear
95 3 pt. scrapers
1508 rotary cutter
1008 rotary cutter
Unverferth gravity bin
Unverferth header wagon
USED
IH manure spreader
JD AT40 cult. for 3020
Meyer 360 Equalizer Spreader
#50 Snow thrower for Cub lo-boy, like new
JD 40 Manure Spreader
JD 25A Flail Mower
Century 500 Gal. Sprayer, Hydr. Booms, Mech. Agitator
2 R Braco Potato Harvester w/PTO Drive

No-Till 750 Grain Drill For Rent
Call For Details

Route 24, 2 Mile South Of Red Lion
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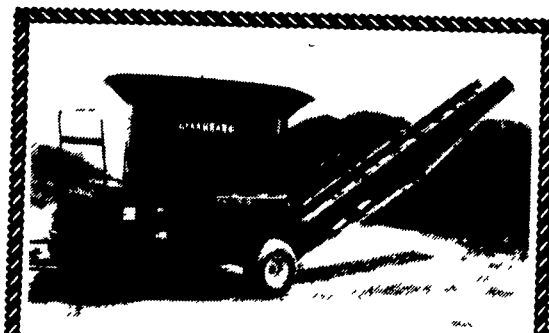

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Like New
Only 60 Hrs. On It
$22,000.00
Call Between 6:00-6:30 Evenings
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1990 Case IH 885
4 WD, roll bar, dual hydraulics, 640 original hrs., like new.
Asking $21,000 Will Trade!
Curry Supply Co.
Curryville, PA
Call 1-800-345-2829

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USED EQUIPMENT

NH L225 Skid Steer Loader w/2 Cylinder Wisconsin Engine, 750 Hrs. $4,100
Kuhn Disc Mower Model 66HD, Rebuilt $3,100
JD 450 hydro push manure spreader $3,800
Woods B320 20' Batwing $6,000
Woods 10' rotary mower, offset batwing, HD 210R, good conditon $3,200
Woods 10' 120 offset, rotary mower, rigid, good condition $1,200
Woods 10' 121 Rotary Mower $2,800
International 454 tractor w/loader, just rebuilt $5,500
International 140 22 HP, w/72" Mid Mower $3,200
JD 260 6 Disc Mower, new cutter bar $3,800
JD 2240 w/175 front end ldr., roll bar & canopy $11,000
JD 2940 2WD, 80 HP $12,000
Kubota B7100 HSE, 2 WD, Hydro Trans. w/60" Mid Mower $5,500

NEW EQUIPMENT

JD 1508 Batwing Rotary mower, reduced demo unit ..... Call for Price
JD 5200, 2WD $15,995
JD 870 Demo, Approx. 10-15 Hrs., 4WD, 28 HP w/Syncro Trans. $10,900
JD 2355 4WD w/110 Loader & Low Profile Tires, Rental, Reduced $26,975

NEW PARKER HIGH PRESSURE WASHERS

3.0 GPM, 1500 PSI, 5HP Kawasaki engine ..... Retail $1099, Sale $899
2.0 GPM, 1000 PSI ..... Retail $799, Sale $499
2.5 GPM, 1400 PSI ..... Retail $979, Sale $749

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NEW IDEA — KUBOTA Nothing like it on earth.™

NEW EQUIPMENT SPECIALS

Steiner 220 Diesel, $2000 Off
Kuhn FC 300 GDR Disc Conditioner
Kubota M8580 4WD, Hyd. Shuttle, 80 HP w/Loader
Kubota L5450, 4WD, Hyd. Shuttle, 50 HP w/Loader
Kubota 2050, 4WD, 25 HP, Turf Tires $7,900

NEW HESSTON EQUIPMENT

1340 12' Center Pivot Disc Conditioner $15,200
1120 9' Windrower, Stub Guard $7,350
530 Round Baler, 500 Lb. $6,800
540 Round Baler, 1000 Lb. $8,400

USED EQUIPMENT

Hesston 666 4WD, 60 HP w/Loader
Hesston 4800 Big Square Baler
NH 326 w/Thrower
IH 284 Dsl. w/Woods Mower
Bush Hog 2615 15', 1000 RPM Mower
Kuhn FC 300 Disc Flail Conditioner
Kuhn GMD 77, 9', 3 Pt. Mower
Oliver 548, 6X, 16", SAR Plow
Donahue Windrower Trailer
Goosen Stationary Bale Chopper
(2) NH 479 Haybine
Hesston PT7 Windrower

LAWN & GARDEN

Cub Cadet 1811, 18 HP Hydro, Excellent
Grasshopper 1822 w/Catcher
Grasshopper Snow Blower
Grasshopper 1410, 44"
Grasshopper 721, 60" Kubota Gas, 50 Hrs.
Gravely 50" Walk Behind
Steiner 220, 60", 21 HP Mower

STOLTZFUS FARM SERVICE
Cochranville, PA 215-593-2407

Fall Clearance!

Time Is Right...Price Is Right

Tag #	NEW EQUIPMENT	Now Only
5494	Ford 250C SOLD Loader, 4WD	$24,875
6353	Ford 8730 Ultra Command, 4WD, Cab	$48,500
6170	Ford CM224 Commercial Mower w/60" Mower	$10,250
5445	NH 680 Manure Spreader w/Hyd. Endgate	$5,950
2604	NH 608 8-Ton Wagon w/Rims	$925
4604	NH 1003 Bale Wagon - 83 Bale Capacity	$9,850
5093	NH 565 Baler w/72 Thrower	$10,800
6038	NH 163 Hay Tedder, 17 Ft.	$3,250
6228	NH 144 Windrow Inverter	$3,195
5068	NH 790W Windrow Attachment	$2,450
4757	NH B124 Backhoe Attachment, Fits L555 & L785 Series	$5,395

(Above Prices Include Winter Buyers Dividend Discounts!)

USED TRACTOR SPECIALS

7778	Ford 8210, 4 WD w/Cab, 662 Hours, Like New	$27,800
7858	AC 7040, 2WD, Cab w/Air, 130 HP	$7,495
7843	MF 275 w/Loader	$7,900
7999	MF 165, Gas - SHARP!	$5,900

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Ford — FORD NEW HOLLAND

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Dave or Ray
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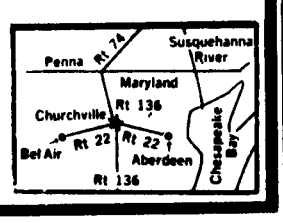

Taylor-Way

MODEL 650 OFFSET DISC HARROW

MUST SELL
Stop In or Call Now!

List Price $12,247

SALE PRICE $8,990

Financing, Leasing And Delivery Available

12 Ft. Cutting Width, 26"x¼" Round Discs, ½" Square Axle, Trunion Bearings, Spring Bearing Hangers, Tongue Jack, 11Lx15 Tires, 5x8 Hyd. Lift Cylinder.

Walter G. Coale, Inc.

MD Toll Free... 1-800-286-8292

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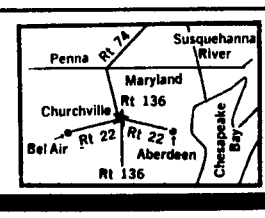
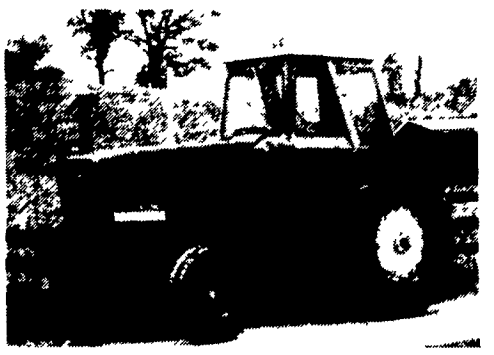


Case W24C
New Center Pin, Excellent Rubber, Ready To Work
$14,500
410-833-9091



AC 7040
CAH, Duals, Runs Well, New Water Pump
$5,400
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Acorn, Berg & Farmway Barn Cleaners
Replacement Chutes
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TMR Mixers
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Conveyors
Silo Unloaders
New 400' Complete 3"x16" CCW Barn Cleaner

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Ford TW25 Series II
CAH, 4x4, Dual Radials, 2600 Hrs., Rebuilt Engine
$17,000
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WENGERS FARM MACHINERY, INC.

Ask For: Dave Wenger

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HOURS:
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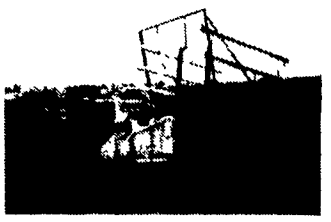
SAT. 7:30-NOON

WOODS

1976 John Deere 4400 Diesel w/13' Platform Big Tires, Nice Condition.



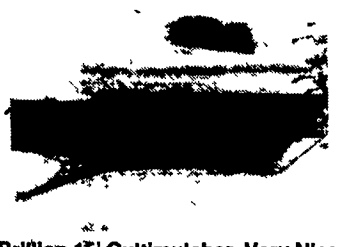
New Holland 1002 Stackliner, 56 Bale Capacity, Very Nice Condition, Not Much Use.

Long 3 Pt. Rotary Tillers.
55" — $1,495 63" — $1,795
72" — $1,995

Several Used Tractor Cabs. I May Have One To Fit Your Tractor. Call Now, Ask For Dave Wenger.

Kewanee 750 13'6" Cushion Gang Disc, 8½ " Spacing, 19" Front, 20" Rear Blades.

Several New & Used Loader Buckets To Fit Various Loaders, JD, IH, Ford, Case, Etc.

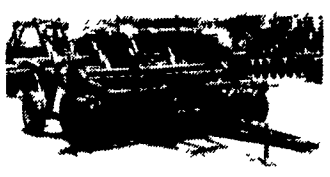


Brillion 15' Cultimulcher, Very Nice Condition, 2 Available.

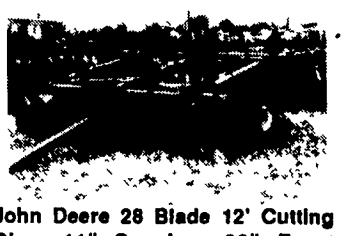
John Deere 7000 4x36 Plate Planter, Dry Fertilizer, Cylinder & Hoses.

John Deere 40 Blade Finishing Disc 20" Front, 18" Rear, 8½ " Spacing.

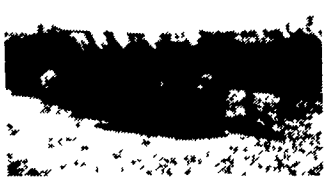
Massey Ferguson 57 4x16" Roll-Over Plow (2 To Choose From).



John Deere 1710 11' Mulch Tiller w/ Walking Tandems In Good Condition, Also 9 Shank.



John Deere 28 Blade 12' Cutting Disc, 11" Spacing, 22" Front Blades, 24" Rear Blades.



IH 720 5x20" ASR Plow w/Spring Coulters And Trash Boards.

IH 315 14' Cultimulcher w/Hydraulic Cylinder, Good Condition.

Oliver 6x18" Automatic Spring Reset w/Spring Coulters And Cover Boards.

FARM TRACTORS

1980 JD 4440, Cab, Air, Quad, Near New 18x38 Radials, Front & Rear Weights, Nice
1979 JD 4040, ROPS, Powershift, 18.4x38 Tires, Nice
1974 JD 4430, Cab, Air, Quad, 18x38, Very Good
1975 JD 4230, Cab, Air, Quad, New 18x38, Front Weights
1968 JD 4020, Syncro, Good Tires, Weights, Very Good
1963 JD 3010 Diesel, Tricycle, Clean Tractor w/Front & Rear Weights
1968 JD 3020, 16.9x34 Tires, WF, Syncro, Very Nice
1976 IH 1486 Cab, Air, Very Good 18x38, Front Weights, Nice Inside And Out
1976 IH 1086 Cab, Air, Good 18x38 Radials, Front & Rear Weights, Nice Tractor
1974 IH 1066 w/Year-A-Round Cab 18.4x38, Weights, Sharp, Low Hours, Axle Duals
197? IH 966 w/Cab, 2900 Hours, Weights, Sharp — Coming In
1985 IH 385, Low Hours, 1 Remote, Very Nice, 35 HP
1968 IH 756 Gas, WF, 540/1000 PTO, Very Nice
1982 Case 4490, 4WD, Cab, Air, Near New 18x34, 3 Pt., PTO, A Very Nice Tractor
1981 White 2-85, Fender, Low Hours, 16.9x38, Red Stripe, Very Nice
1976 White 2-70, 4WD, Year-A-Round Cab, 18.4x34 Tires, 2 Remotes
1965 Oliver 1650 Diesel, WF, 2 Remotes, 18.4x34 Tires
197? Case DB 990 Diesel w/Loader
1970 JD 1520 Gas w/JD 145 Loader
1990 Kubota L2050 4WD w/Loader, Turf Tires, 20 HP
1965 Case 930CK, WF, 3 Pt., 18.4x34 Tires
1962 Case 930 Standard 18.4x34 Tires, Hand Clutch, 2 Remotes, No 3 Pt.
1956 MM 445, WF, P.S., 3 Pt. 38" Tires, A Nice One
1972 AC 170 Diesel, WF, 3 Pt., Good Tractor, 54 HP
1940 Farmall A w/Plow And Cultivator, Crank Start

TILLAGE

IH 720 5x20 ASR Plow
IH 642 4x16 Rollover Plow- 3X Base
JD 4200 4x18 Rollover Plow
JD 1450 4x18 Trip Back Plow
JD 1450 5x16 Trip Back Plow
(2) JD 3x16- 3 Pt. Plow
(2) JD 3x14- 3 Pt. Plow
White 3x16- 3 Pt. Plow
White 508 3x18 ASR Plow
Oliver 6x18 ASR Plow
MF 880 4x16 ASR Plow
(2) MF 57 4x16 Rollover Plow
Long 4X 2 Way Plow- 3X Base
JD 1710- 11' Mulch Tiller
JD 1710A 9' Mulch Tiller
Brillion 12' Pull Chisel Plow
MF 9' 3 Pt. Chisel Plow
JD 9' Offset Disc
NH OD100 Offset Disc
(2) Miller 11' Offset Disc
(3) IH 500 Cutting Disc, 12', 13' & 14'
JD 12' Cutting Discs
(2) White 271- 18' Wing Fold Rockflex
IH 470- 14' & 15' Discs
(2) IH 37- 9½ Discs
Kewanee 12' Disc
Bush Hog 12' Cutting Disc
JD RWA 8' Disc
JD 110 14' Disc
JD 215 10' Finish Disc
JD KBA Disc
JD 13' 3 Pt. Field Conditioner
Lorenz 13'-3 Pt. Field Conditioner w/Rolling Basket
IH #45- 21' Wing Fold Field Cult.
(2) IH #45- 19' Wing Fold Field Cult.
IH #45- 18' Wing Fold Field Cult.
(3) IH #45- 12'- 3 Pt. Field Cult.
IH #45- 12' Fast Hitch Field Cult.
White 16' Wing Fold Field Cult.
Glencoe 10' Field Cult.
Case IH 183 6x30 Danish Cultivator
JD RM 4 3 Pt. Cultivators
(5) JD- RM- 6 Row Cultivators
(2) Ford 2 Row- 3 Pt. Cultivator
(2) Brillion 15' Cultimulchers
IH 315- 14' Cultimulcher
JD 930 12' 3 Pt. Cultimulcher
Dunham 10' Cultimulcher
Kewanee 10' Cultimulcher
Brillion 10' and 12' Mulchers
Dunham 15' Cultipacker w/Transport
Brillion 14 Cultipacker w/End Transport & Star Wheels
Brillion 11' Cultipacker
Brillion 12' Cultipacker
Chattanooga 12' Crowsfoot
(2) Brillion 8' Cultipacker

MANY MORE ITEMS NOT LISTED

MISC. EQUIPMENT

1976 JD 4400 Diesel 13' Grain
Rhino 15' Wing Mower
Woods 0121- 10' Offset Mower
Terrain King TK15 Wing Mower
(2) JD 327 Baler w/Ejector
JD 346 Baler w/Ejector
JD 1240 Plateless 4x Cornplanter
JD 7000 4x36 Cornplanter
NH 478 Haybine
NH 472 Haybine
IH 990 9' Haybine
(3) NH 451 Sickle Mower
(2) Farmco 18x8 Steel Hay Wagons
JD 1500 3 Pt. Power Drill
New Holland 1002 Stackliner
New Loader Buckets In Stock
(5) Small Manure Spreaders
JD 400 Grain Buggy
JD 148 Loader w/3020 Brackets
Bush Hog Loader To Fit MF35
Brillion 6' & 8' Packer Seeders
New Idea 324 2RW Cornpicker
Duals- 18.4x38, 20.8x38, 16.9x34
Ford 172 Cu. In. Power Unit
Cub And Super A Snowblades

YOU $AVE BY DEALING WITH US

FORD END-OF-YEAR SALE: DEC. 14-31, 1992

ABC GROFF

Built Ford tough!

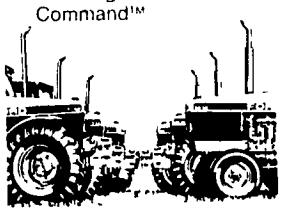
Power up with Ford PowerStar™ tractors

The new standard in 66 to 106 hp!

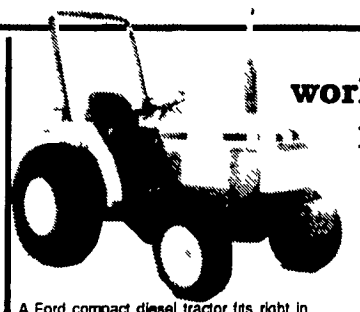
- 2WD and 4WD
- Efficient, new Genesis™ engines
- Versatile, hard-working hydraulics
- Roomy new deck designs
- Comfortable cabs

Come on in and we'll show you the model ready to work for you!

- New transmission choices, including the 16x16 Pulse Command™



A workhorse MODEL 1520



Stop in and see one soon.

A Ford compact diesel tractor fits right in
They have plenty of engine and hydraulic muscle to handle all kinds of jobs Other pluses include

Touch-Turn™ steering makes it easy to maneuver in tight areas — like around stables

Optional hydrostatic or shuttle shift transmission make changing direction easy — a real time saver when you're mowing or doing loader work

Easy-to-reach controls and easy-read instruments make operating a Ford compact diesel a breeze

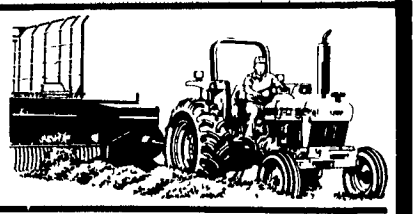
Ford 1520 Compact, Hydro. Trans., 4 WD

CASH $9,600

FORD 30 SERIES

Step Up To Ford Quality!

55 PTO Model 4630
IN STOCK!



NH 125 SPREADER w/ Retread Tires

CASH $2,925

Model 125

Ford New Holland offers six quality spreaders to match any farming operation. All New Holland spreaders clean out fast to make quick work of dirty jobs

PRICES F.O.B. NEW HOLLAND

LIMITED SUPPLY

Check Special Prices On 155 & 185 Spreaders!

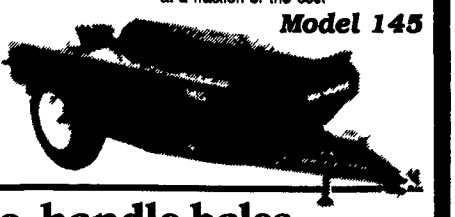
Model	Capacity (bu.)
125	108
135	138
145	177
155	217
185	287
195	410

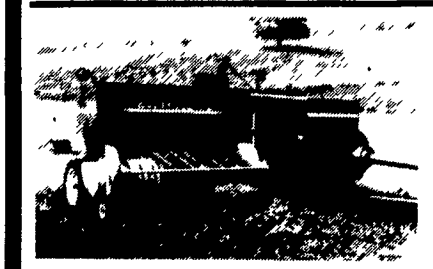
- **Bonded Protection, the exclusive lifetime guarantee, covers the polyethylene floor and steel sides Ask us for details.**
- **Corrosion-resistant steels are used throughout for tough, long-lasting construction.**
- **Plus adding optional slurry sides on the Models 145, 155 and 185 increases capacity up to 25% at a fraction of the cost**

Model 145

NH 145 SPREADER w/Retread Tires

CASH $3,725



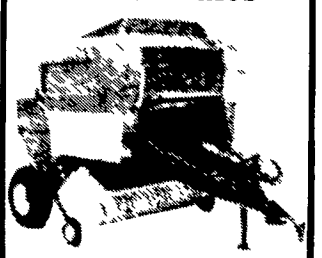


NOW GET BETTER BALES FROM A BETTER BALER!

Solid, stackable bales. And unsurpassed baler capacity.
You'll get it all from New Holland square balers. The Models 570 and 575 feature a revolutionary rotary feeder that is tender on alfalfa... while handling lots of crop.

NH 570 Twine Baler w/Bale Chute CASH $8,900

Less Leaf Loss & Better Bales



The Fastnet® net wrap system, an optional tying method for selected New Holland round balers, makes better-looking and better-weathering bales. Just two plastic net wraps do the job of 12 to 18 twine wraps per bale And they do it better too, because bales are turned fewer times That means less leaf loss and better quality hay Now you can net more hay — and more profits, too

- **848 Round Baler, Net Wrap One Only $10,500**
- **855 Round Baler, Net Wrap One Only $12,500**

Easy-to-handle bales

When the crew is just you, the New Holland Model 630 round baler delivers quality hay in an easy-to-handle bale size. It makes dense, good-looking 650-pound bales measuring four-feet wide by four-feet in diameter And a 35-horsepower tractor supplies all the power you need The "630" handles delicate crops gently to reduce fines losses, so your bales retain more protein-rich leaves Ask for a demonstration today

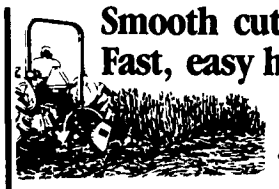
CASH $8,500

Smooth, even cutting gives that "showplace" look

FORD 917 Heavy Duty 62" FLAIL MOWER

CASH $1,295

Smooth cutting... Fast, easy hookup



CASH $2,295

The New Holland Model 451 sicklebar mower takes the effort out of your cutting chores It cuts a smooth, fast trail through open fields and makes quick work of mowing around ponds, buildings and lanes The exclusive telescoping yoke makes hookup a breeze Stop in and see the Model 451 soon

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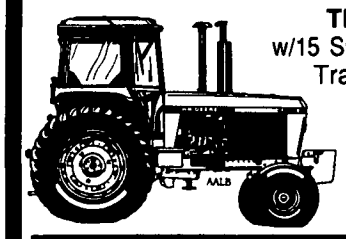
FORD NEW HOLLAND

Make it a GREEN Christmas

THE WAY YOU WANT IT

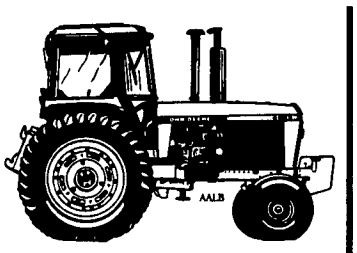
120 HP 4255 TRACTOR
w/15 Spd. Power Shift Transmission



SALE PRICE $47,600*

READY TO GO-GO-GO

140 HP 4455 TRACTOR
With 16 Speed Quad Range Transmission



SALE PRICE $47,400*

*** FREE With Purchase.... $700 Gift Certificate!**

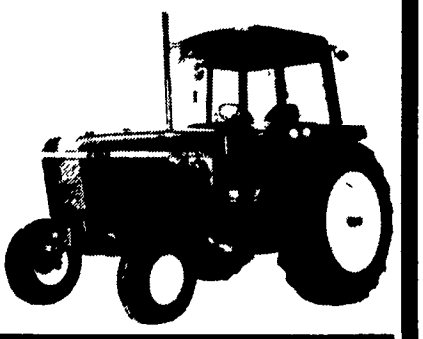
85 HP 2955 TRACTOR

Right Tractor, Right Price!

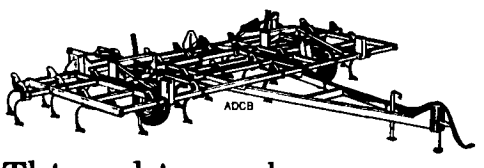
With AM-FM Radio And Liquid Ballast In Rear Tires

SALE PRICE $32,500*

*** FREE With Purchase... $500 Gift Certificate!**



JOHN DEERE 960 FIELD CULTIVATOR



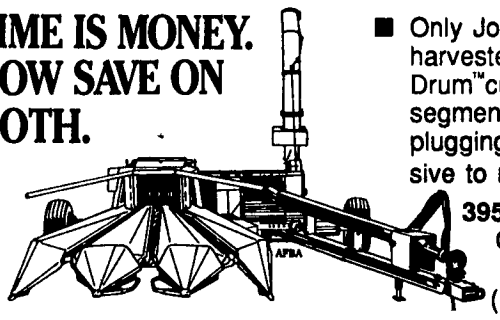
21'6" Wing-Fold With Heavy Duty C-Shanks

SALE PRICE $6,490*

This cultivator has room for residue control

*** FREE With Purchase... $100 Gift Certificate!**

TIME IS MONEY. NOW SAVE ON BOTH.



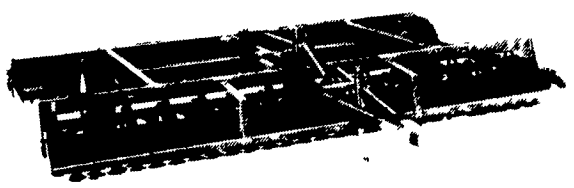
- Only John Deere forage harvesters feature the Dura-Drum™ cutterhead, with 40 segmented knives. Less plugging. Much less expensive to maintain.

3950 Harvester w/Electric Controls & Hydraulic Tongue Positioner (Heads Not Included)

***FREE With Purchase... $300 Gift Certificate!**

SALE PRICE $14,300*

JOHN DEERE 970 ROLLER HARROW



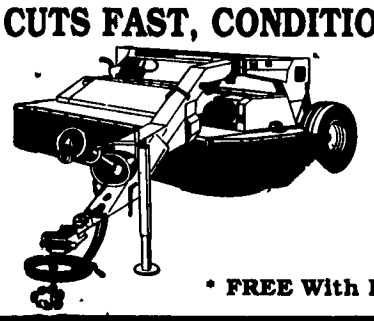
Strong, simple design gives you a better way to pulverize and blend soil

12' With S-Tines And Hydraulic Tooth Control

SALE PRICE $7,150*

*** FREE With Purchase... $150 Gift Certificate!**

1460 ROTARY MO/CO... CUTS FAST, CONDITIONS FASTER



- 9-foot 9-inch width of cut.
- High-speed disk cutting with exclusive wide conditioning rolls that apply more pressure over more crimping points.
- Cuts fast, up to 8 mph.

SALE PRICE $12,290*

*** FREE With Purchase... $300 Gift Certificate!**

HURRY! OFFER EXTENDED ONLY DURING OUR SPECIAL SALE DAYS!!

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Saturday
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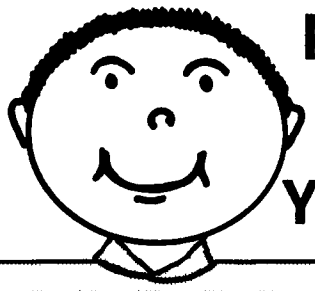
OUR USED EQUIPMENT MANAGER HAS TURNED THE BUSINESS UPSIDE-DOWN TO SHAKE OUT DEALS FOR OUR END-OF-YEAR SALE DEC.14-31,1992



LOW 9.9% A.P.R.- 36 Mos. Or 48 Mos. Or WAIVER ON USED EQUIP. UNTIL 2/1/93 Or 5/1/93

USED EQUIPMENT

BALERS
- 6029, NH 848 Round Baler- **$7,900**
- 7824, NH 320 Baler- **$3,900**
- 4764, NH 855 Round Baler- **$6,900**
- 6854, JD 346W Baler- **$1,500**
- 8607, JD 346 Baler- **$3,500**
- 8225, JD 336 Baler- **$1,900**
- 6559, Hession 4600 Baler- **$4,900**

HAY TOOLS
- 8224, NH 411 Disc Mower- **$5,400**
- 7854, Hession PT7 Mwr. Cond.- **$1,500**
- 8624, Gehl 2170 Mwr. Cond.- **$3,900**
- 7473, NH 216 Rake- **$6,900**

SKID STEER LOADERS
- 6006, NH 555 Skid Loader- **$8,900**
- 7036, NH L779 Skid Loader- **$7,900**
- 8123, NH 325 Skid Loader- **$5,900**

TRACTORS/CRAWLERS
- 8367, Ford 445C TLB- **$24,900**
- 5180, Ford 555 TL- **$7,900**
- 6369, JD 450C Crawler- **$11,900**
- 9152 JD 2010 Wide Front End - **$3,200**
- 7652, MF 200 Crawler- **$5,900**
- 5408, V276 Tractor- **$23,900**
- 7450, JD 4630 Tractor- **$17,500**
- 6118, Kubota 7100 Tractor- **$2,900**
- 7687, AC 8010 Tractor- **$16,900**
- 9031, JD 4240 Tractor, Sharp- **Call For Price**

PLANTERS
- 8987, JD 6 Row Conv. Com Planter- **$9,900**
- 8247, JD 7000 6 Row Com Planter- **$7,500**
- 9099, 7000 6 Row Conv.- **$7,800**

SPREADERS
- 6283, NH 304 Spreader- **$2,900**
- 6420, NH 520 Spreader- **$3,500**
- 7397, Gehl 312 Spreader- **$3,900**

BLOWER
- 3023, NH 40 Blower- **$2,500**

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Limited Supply Available

16.9-30 6 PR TR NR- **$295**
14.9-24 8 PR WR- **$325**
7.50-14 4 PR IMP NR- **$35**
10.0/75-15.3 6 PR IMP WR 4/6L- **$75**
9.5-14 6 PR IMP NR- **$45**
10.0/80-12 6 PR IMP WR 5L- **$75**
25x7.50-15 6 PR IMP WR 4L
10-16.5 6 PR TK NR- **$50**
27x8.50-15 4 PR TF WR 6L
6.70-15 4 PR IMP WR 4L- **$45**
7-14 4 PR BAR WR 6L
7-16 4 PR BAR NR
8.55-15 6 PR TK WR- **$45**
Many Used Tires In Good & Like New Conditions
For Tractor, Skid Steer Loader And Other Agri Equipment

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ÖVERUM

SEMI-MOUNTED REVERSIBLE PLOWS

Overum hydraulic stone trips have more travel then competitive rollover plows Bottoms won't "Bottom Out" during tripping action

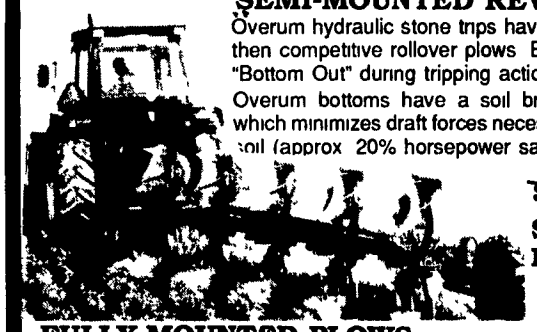
Overum bottoms have a soil breaking angle which minimizes draft forces necessary to invert soil (approx 20% horsepower savings)

Model CVL498HV

4 Bottom Reversible Plow With Hydraulic Stone Trips

~~$12,900~~

SALE PRICE $11,900



FULLY-MOUNTED PLOWS

- Overum reversible plows have underframe rotation meaning high lift is not required and bottoms self clean during rotation
- Overum bottoms penetrate even in the hardest conditions

Model BT387V

3 Bottom with Spring Trips

~~$3,290~~

SALE PRICE $3,150

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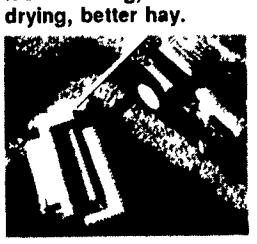
SPECIFY KUHN
Quality at Fair Prices

Kuhn's FC series of Mower Conditioners — faster cutting, faster drying, better hay.

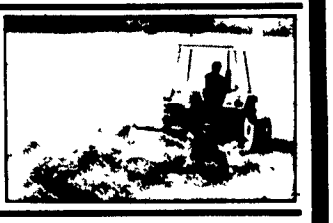


- FC 250 RG Mower Conditioner, 8'2" ~~$11,900~~ **$11,400**
- FC 300 RG Mower Conditioner, 9'10" Cut, Swivel Hitch Roll Conditioner ~~$12,500~~ **$11,900**

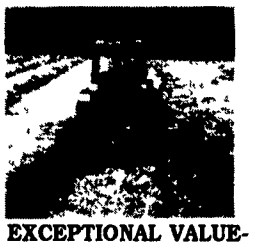
- GMD 55 Disk Mower, 6'7" Cut ~~$3,990~~ **$3,790**
- GMD 66 Disk Mower - 7'10", Cut ~~$4,690~~ **$4,550**
- GMD 77 HD Disk Mower, 9'2" Cut, Heavy Duty ~~$5,190~~ **$4,890**

GYROSTAR GRS25N COMBINATION RAKE/TEDDER

- GRS25N Rake Tedder ~~$4,290~~ **$4,090**



KUHN has invented a revolutionary raking concept: the KUHNFLEX®



- KF4 Kuhnflex Rake, Working Width Up To 13'

EXCEPTIONAL VALUE- $2,900

Kuhn GA Series rakes let you rake or turn windrows for better quality hay in less time. The new GA 7301 Gyrorake covers up to 17 acres per hour!

- GA 7301 Hydr. Folding Rake, Working Width 22' To 24' Swath Width From 4'7" To 6'. ~~$11,900~~ **$11,250**

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KUHN

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  (Similar Saving On Other Twine)
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- **4WR-**Vise Grips- ~~$9.49~~ **NOW $6.49**
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- **RE33636-** Starting Fluid **NOW $1.25**
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- **PT558-** Diesel Fuel Conditioner, 8 Oz. **NOW $1.70**
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- **TY15666-** 5 Gal. Gas Can- **NOW $10.59**
- **Hardi** Backpack Sprayer- **NOW $89.95**

- **Space Heaters**
  R35- 35,000 BTU- **NOW $139.00**
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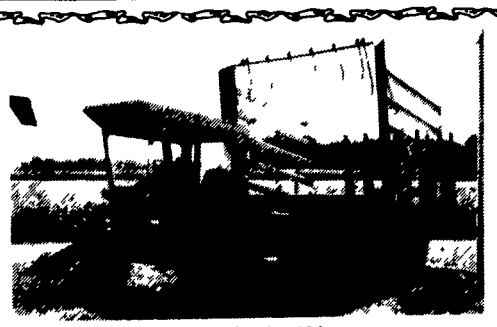

NH 1069 Bale Wagon
750 Hrs. $40,000 OBO
NH 326 Wire Baler, $5,500
IH 1490 Hydro-Swing
12' Haybine $5,000
2 IH 35 Rakes w/Front Dolly
$1,200 Each
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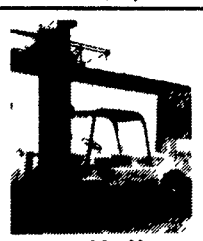

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White 2-105 without cab

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NH 36 Flail Chopper
NH 890 Harvester w/2 row (N. or W.) & pickup
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NH 520 Spreader
NI 354 w/Pan

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Ford YT 12.5
Simplicity 4211 Lawn Tractor w/Mower
Cub Cadet 108
Cub Cadet 1250
JD 111 w/bagger

BALERS & HAY TOOLS
NH 855 Round Baler
NH 275 Baler w/Thrower
NH 326 Baler w/Thrower
NH 1499 Haybine
NH 1495 Self-Propelled Haybine (L)
NH 411 Discbine (L)
JD 10 Side Mtd. Mower

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- Case 430
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- David Brown 990
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- Int. 1066
- Int. 656
- Int. 1086
- Farmall 300
- Farmall 350
- Ford 8N
- Case-IH 885
- Case IH 885 w/Cab
- Case IH 1490
- Case IH 1594, 500 Hrs.
- JD "B" Tractor
- JD 2140 70 Hp. w/Cab
- Super M

LOADERS
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- Case 1835C
- Case 1835 Gas
- Case 1830
- Case 1845 Diesel
- NH 555 Skid Loader
- Caterpillar 933 Loader

TILLAGE
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- Ford 5-Bottom Plow
- IH 370 Disk Harrow, 13 Ft.
- Case 16" Reset Plow, 5 Bottom
- IH 710 5-Bottom Plow
- JD 5x16 Plow
- JD 1120 Disk
- Oliver 16" Rollover Plow
- Bush Hog 15 Ft. Disk
- Farmhand 14' Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000-100 Harvester
- NI 315 Sheller
- NI 324 Sheller
- NI 737 Husking Bed, Nice!
- NI 767 Super Chopper
- NI 323 1-Row Cornpicker
- NI 325 12 Row Husking Bed
- IH 120 Forage Box
- Badger Forage Box
- JD 3800 Harvester

HAY EQUIPMENT
- NH 479 Haybine
- NH 489 Haybine
- NI 404 Rake
- Hesston 1014, Plus 2 Windrower
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Case 650 Windrower
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler

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- NH 36 ft. Elevator
- Gehl 99 Blower
- NI 620 Blower
- Automatic Roller Mill
- Peerless Roller Mill
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
- NI 353 Spreader
- HM 1674 Spreader
- Gehl 350 Spreader
- Gehl 250 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- JD 8300 Drill—Soybean Special!
- Brillion 8 Ft. Grass Seeder
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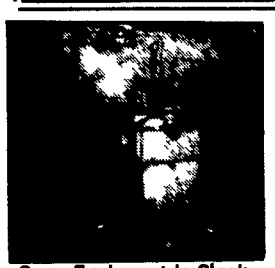

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Used Spreaders Tailgate & Bin, Gas & Hydraulic
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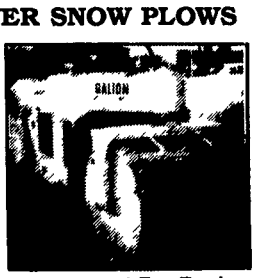
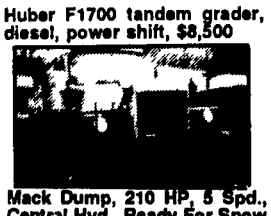


(3) Gallon 10-14 Ton Tandem, IH Gas, Hydrostatic, Good Cond.
Gallon 10 Ton 3 Whl.

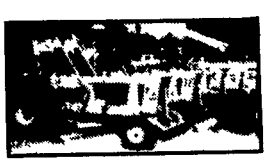
Just In
Jersey Stone Spreader
Model 102
Tow Behind Broom
V4 Wisconsin
Ford 2110 w/sickle bar
Bomag BW120, late model, low hrs.

Case 586E, 14' Mast, SS 6000 Lb. Cap, New Rubber, Good Cond. $17,500
Case 584D, 21' Mast, SS, 4,000 Lb. Cap, New Rubber, Excellent Cond. $15,500

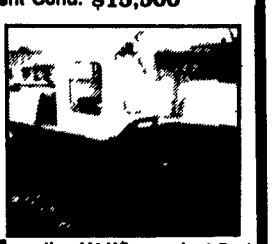
Gallon 9 Wheel Roller, IH Diesel, Reverser Trans, Low Hours, Good Cond. $6,500
1989 Mauldin, 4 ton, art, DD drive, vibratory, gas $7,995
Gallon 3 whl., 6 ton, gas engine
Gallon 10-12 ton tandom roller, gas



Austin Western Pacer 30C AWD, AWS, 4-71 GM Diesel, Front Scarifier, Front Plow Hitch, Good Cond. $5,950
Huber F1700 tandem grader, diesel, power shift, $8,500



Huber Maintainers
"We Got 'Em"
(1) M-650, Ford Diesel, Front Blade, Wide Tires, ROPS.
(2) M-600, Ford gas, front blade
(1) M-500, Cont. Gas, Front Blade, Wide Tires.



Snowline V4 Wisconsin 4 Spd. w/Reversible Plow

Mack Dump, 210 HP, 5 Spd., Central Hyd., Ready For Snow

Austin Western Pacer 200 Cummins Diesel, AWD, AWS, Front Plow & Wing Plow

Case 1830 Skid Steer Loader, Gas, Hydrastatic, New Tires, Very Good Cond. $5,250

Forklifts
(2) Gradall 534B-6 34', 6000 Lb., 4WD 1) 1987, 1) 1985 Pettibone B66 Ford Diesel 33' Lift, 6000 Lb. Cap, 4 WD, 4WS, New Tires

Gradall G-440, Ford Gas Down, GM Diesel Up, Remote, Good Cond.

IH 244 4WD, 600 hours $7,900
IH 656 hydro $5,900
IH 966 hydro $9,900
IH 1486 cab & air, new TA, clutch & rubber $15,900
IH 2 post w/roof for 74, 84 & 85 series tractors $550
IH 584, showroom condition $8,700
IH 574 w/loader $6,900
2 cabs to fit IH 706 to 1466 tractors ..... $600 & $850
IH 826, recent engine & TA overhaul, new rubber, 4600 Hours $6,900
IH 986 w/ROPS, 3000 hours, new rubber, excellent condition $11,500

Financing Available
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JEFF SHOWAKER
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Clean off-the-farm, field tested tractors
Most Reconditioned And
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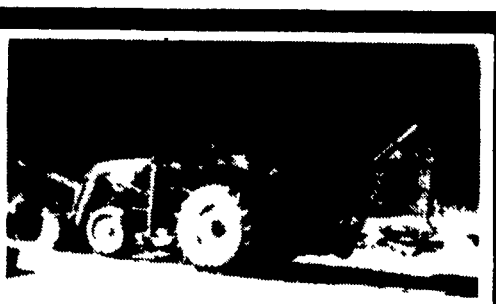

Belarus 250 Backhoe Loader
31 Hr. Can Detach Backhoe & Has
3 Point Hitch Arms With
Good Condition
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NH 770
Harvester
Pickup Head
2 RN Corn
Head
New Knives
($900)
$3395 OBO
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Peerless SOLD PTO grain crimper, $50
JD 450C crawler loader, nice, $11,000
JD 310A backhoe, 2400 hours, $11,000
Michigan 110 Self-loading earth mover, Detroit Diesel, PS, $7,000
JD 7' roto-hoe, $50
Case 20' SOLD grain elevator, $20

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Myerstown, PA
(717) 949-3582

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OF LIQUID MANURE EQUIPMENT BUSINESS AND ASSOCIATED PRODUCTS

DECEMBER 19, 1992 Thru DECEMBER 31, 1992

Consisting of but not limited to:

Houle 3150 liquid manure spreader with aircraft tires new. Houle maxi pump on trailer. $50,000 of New Houle parts. New and used injectors systems, barn cleaner chain, barn cleaner chute, down cow lifter, electric motors, irrigation pump PTO, bedding choppers, silage carts, 50 super bowl insulated energy free waterers, 50 manure spreader rims for 16.5x16.1 and 21.5x16.1 tires, hay chopper for TMR, free stalls, headlocks.

This inventory must be sold by Dec. 31, 1992.
All offers will be considered.
Buy it all or just one piece.
Cash and carry sales only.

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1-410-392-6202
Douglas R. Johnson

USED TRACTORS
"Will buy or trade tractors"

JD 4850, 4WD, PS, SGB, Wts $43,500
JD 4240, SGB, QR Trans., 1982, sharp $18,500
JD 2940 SGB, 2 hyd. hi/lo, original $16,600
JD 4040 SGB, QR, Trans, 2 Hyd. $15,500
JD 2940 4 WD, New Tires, 3200 hrs. $13,400
JD 4430 QR trans. SGB, original $12,500
JD 4230 QR, new tires $10,800
JD 2550 Ind. PTO 38" rubber, nice $10,700
MF 2745, cab, air, 2046 hrs., duals $10,500
JD 4430 4 post creeper trans. orig., nice $9,800
JD 2840, 2 hyd. hi/lo, original $9,700
JD 2840 w/cab hi/lo, 2 hyd., 80 HP $9,600
JD 1640 SGB, Same as 2350 ..... $9,400
JD 2440, 1982 Ind. PTO, nice $9,200
JD 4000, 1972, WF, Good Rubber, Nice $9,000
JD 4020 side console, WF, original $8,500
JD 2240 diesel, hi/lo, Ind PTO $7,900
JD 2630 diesel, Ind. PTO, 75 HP $7,800
JD 4020, PS, overhauled, cab, WF $7,700
JD 4020, WF, diesel, nice, 1968, PS $7,200
JD 3020 diesel WF, nice $6,900
JD 2240, Ind. PTO, 50 HP, nice $6,800
JD 2130 hi/lo Ind. PTO late model $6,700
JD 2130 hi/lo, Ind. PTO Good rubber $6,500
JD 2030 dsl., Ind. PTO, 60 HP $6,300
JD 4010 Diesel, WF, 38" rubber $6,200
JD 125 dsl. skid loader, 2100 hrs. $6,200
JD 3130, 80 HP, same as 2840 ..... $6,000
MF 175, diesel, WF $4,700
JD 1120, diesel, 50 HP $4,000
JD 2010 dsl., NF, nice condition $3,000
JD 2010 gas, NF, nice original $3,000
Ford 9N w/Sauder ldr., nice $2,000
Wide front ends for JD 4020, brand new $1,300
Cab off JD 2840, nice $1,200
M&W Turbo kit for 4020 ..... $800
TO4 Air Research Turbo For JD 2630 ..... $800
Rollbar w/enclos SOLD 4020 ..... $700
18.4x34 JD axle duals for 4020 ..... $600
16x9x38 snap on duals $500
Cab off JD 4020 ..... $500
JD 4020 or 3020 toplinks brand new $175 ea.

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Wagon Gears & Forage Wagons
Farmco Metal Feeder Wagons, Bale
Bodies & Country Boy Gravity Bins
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USED EQUIPMENT - Check For New Additions Weekly

BLADES:
- 22884 **Woods RB-5 Blade** 3 Pt., 5' Width $185
- 22819 **Kubota G-2000 Blade** 48", Frt. Mount, M.A , Fits G 200 Series Lgts $185
- 22710 **Woods RB-5 Blade** Cat 1 3 Pt. 5' Width, Angles For & Rev. $185
- 22428 **Rear Blade** 7', 3 Pt. Hitch, Angle $125
- M0309 **Lehara F-1800 Blade** 6' Front Mt , H.D Fits Ford 1300, 1500, 1700 & 1900 Tractors $695
- 21854 **Kubota G-2000 Blade**, 48", Front Mount, Fits G-200 Series Tractors $150
- 22092 **Kubota G-2000 Blade** 48", Front Mount, M.A , Fits G-200 Series LGTS $175
- 22916 **Kubota G-2000 Snow Blade** 48" Blade, Real Good Condition. $185
- 21374 **Sauder Hydraulic Front Blade** $275
- 20997 **Ford 09GN3598 Blade** 48" Frt. Mount, Fits Ford/Gilson Garden Tractors, Good Cond. $175

MOWERS:
- 22941 **Woods Brush Cutter** M-5 Slip Clutch And Chain Shielding, Good Condition $695
- 22917 **IH Cub Cadet 882 Mower**, 17 HP, Runs Good $2,495
- 22920 **Simplicity 6216 Mower** 48", 16 HP $1,275
- 22887 **Woods RM-48-4M Mower** 3 Spindle, 3 Pt. $765
- 22905 **Woods RM-48-YM Mower** Good Shape. $795
- 22550 **Landpride RC25-54 Cutter** 7', 3 Pt. Hitch, Chain Sheilding, Slip Clutch, Gd Cond. $1,295
- 22537 **Kubota RC 44-42 Mower** 44" Shaft Driven Mid-Mower For B4200 Tractors, Like New $850
- 22410 **Kubota RC60-25 Mower** 5' Shaft Driven, Fits L2250-2550-Like New $1,250
- 22776 **Kubota RC60-72H Mower** 5' Mid-Mt. Finish Cut For Parts $275
- 22453 **John Deere H072L Mower** 6' Mid-Mount, Fits 950 Tractors. $675
- 21174 **Kubota RC-60-72H Mower** ..... Mechanic's Special $175
- 15184-15185-15354 **Woods F35 Mower**, 5' Mid-Mount, Fits Ford 1510 Tractor, New $895
- 15186 **Woods F35 Mower**, 5' Mid-Mount, Fits Ford 1710 Tractor, Brand New (Retail $1,665). $898
- 22682 **Woods RM59 Mower** 5' Finish Cut, Cat 1 3 Pt., Hitch, Good Cond. $750
- 22146 **Kubota RC60-52H Mower** 5' Mid-Mower, Fits B-8200 HST Tractors, Never Used . $1,500
- 20355 **Kubota MR-6000 Mower** 5' Shaftdriven, Mid Mount for B 6100/B-7100 HST Tractors $295
- 22608 **Woods L59-K18 Mower** 5' Mid Mt. w/Casters, Fits Kubota L185 & 245 Tractors $575

SNOWBLOWERS:
- 22423 **Hahn Snowblower** 7HP, 24", S.P , Elec Start $475
- 18652 **Bervac B84-6 Snowblower**, 84", 3 Pt Mount, New Demo Unit (Retail $3,102) . $1,800
- F140/F141 **Ford 09GN3665 Snowblower**, 36", Fits Ford & Gilson Tractors, Brand New . $250
- 21300 **Kubota B-748-A Snowblower** Frt. Mounted To Fit B-6100 & B-7100 ..... $245
- 16222 **Kubota B-2510 Snowblower** (38", will Fit B-5100, B-4200) $295
- 17840 **Kubota G-2500 L&G Snowblower** 38", Will Fit G-Series $575

TILLERS
- 22906 **Kubota B-422 Tiller** 42", Painted, New Tines, Good Shape $845
- 22771 **Kubota AT708 Tiller** 7 HP, 26" Width, 2 Tine Speeds, Forward & Reverse, Turning Clutches $1,295
- 22488 **Ferguson Tiller** Cat 1, 3 Pt. Std. PTO, 42" Cut $695
- P860 **Ford 09GN3639 Tiller**, 36", Fits Ford & Gilson Tractors, Brand New $250

TRACTORS:
- 22940 **Kubota B-6200 HSD Tractor** 19 HP, Ag Tires and ROPS, Good Condition $6,995
- 22885 **Ford 8N Tractor** 23 HP $2,875
- 22910 **Massey Harris 20 Tractor** PTO, Row Crop, Runs Good $695
- 22911 **IH Cub Cadet 126 Tractor** w/Mower, Runs Good $495
- 22904 **Kubota B-6200 DT Tractor** Turf Tires, Kwick Way Frt Hyd Blade, Hyd Ang $5,675
- 22841 **White "Field Boss" Tractor** 31 HP, Diesel, 4 WD w/Loader Good Cond $8,875
- 22886 **Kubota Tractor** 16 HP, 4WD, 3 Pt. 540 PTO w/Front Hyd Dozer Blade Very Good Cond $5,475
- 22724 **Kubota B7200HSE Tractor** 17 HP Dsl , HST, Cat 1, 540 RPM PTO, 60" Mow , 415 Hrs $6,750
- 22823 **Allis Chalmers 917H Tractor** 17 HP, Hydro, 48" Mower w/Power Vac, Nice Cond . $2,995
- 22820 **B-1750 HSD1 Kubota Tractor** Dsl, Hyst, 4WD w/Bispeed, 5' Belly Mower, Turf Tires $8,995
- 22850 **Kubota B-2150 DT. Tractor** w/Loader, 4 Cyl , 24 HP, 4 WD, Diesel, Low Hours .. $9,975
- 22489 **Kubota B-6100 DT Tractor** 14 HP, Dsl, 4WD, Cat. I, 3 Pt. Std. PTO, Wts , Gd Cond. $4,695
- 22706 **Mitsubishi R1500 Tractor** 17 HP Dsl, Cat. 1 3 Pt., 540 RPM PTO, 892 Hrs , 40" Tir $3,575
- 22790 **Kubota B7100 HSD Tractor** 16 HP D, 4WD, HST, Cat I 3 P, 540 RPM-PTO-27 Hrs $6,895
- 22772 **Kubota G5200H Tractor** 14 HP Diesel, Hydro, 44" Mower, Shaft Driven, 810 Hrs . $4,175
- 21683 **Kubota T-1600 H Lawn Tractor** 13 HP, Water Cooled, Diesel, Hydro w/Mower $3,675
- 22693 **Kubota B-6100 E Tractor** 14 HP Diesel, Cat 1, 3 Pt , 540 RPM PTO, 4' Woods Mwr $3,675
- 22712 **Kubota L2250DTS Tractor** 26HP Dsl, 4WD, PS, Syn/Shut Trans, PTO, 3Pt, 725 Hrs $7,995
- 22194 22195 **Kubota L-225 F Tractor** 24 HP, Diesel, Cat I, 3 Pt 540 RPM PTO, w/Loader $5,980
- 22101 **Simplicity 6218 L&G Tractor** - 18 HP Twin Cyl , Variable Speed, 48" Mower.. $1,480
- 22434 **NAA Ford Tractor** w/Loader 32 HP w/CAT I 3 Pt $3,875
- 22419 **Sears 10XL Tractor** 10 HP, 38" Mower $450
- 22340 **Kubota KH28 Excavator** 48 HP, 6 Cyl., 12' Digging Depth, 24" Bucket $15,875
- 21477 **Wheel Horse Commando 8 L&G Tractor**, 8 HP, 36" Mower, Nice Cond $875 $595
- 22112 **Snapper 12502 Lawn Tractor** 12.5 HP, 33" Mower, Grass Catcher, Very Nice . $1,595
- 21996 **Ariens Lawn Tractor**, 10 HP, 30" Cut $395
- 21955 **Snapper Comet Lawn Tractor** Rear Engine Model, 26" Mower w/Bagger. $350
- 22714 **Bolens 1600 Tractor** 18 HP Twin, HST., Hyd. Lift, 610 Hrs., 48" Mower $2,295
- 22681 **Bolens G174 Tractor** 17 HP Diesel, 4WD, Gear Drive, Cat 1 3 Pt PTO, Very Nice $3,980
- 21444 **Bolens ST-110 Yard Tractor** 11 HP, 42" Mower, Rear Wheel Wts , Very Nice $1,250
- 21973 **Kubota B-6000 E Tractor** 12 HP Diesel, Std , 3 Pt & PTO, w/Woods Mower. $2,995
- 22707 **Kubota B6100HSD Tractor** 14HP Dsl 540RPM PTO, 4WD, HST, 4' Mow, 728Hrs $5,595
- 20988 **Gilson Lawn Tractor** 11 HP, 38" Mower, Gear Drive $465
- 21669 **Simplicity 5212.5 Lawn Tractor**, 12 HP, Hydro, Mower & Vac Unit $2,150 $1,795
- 21885 **Lawn Chief 6-830 Tractor**, 8 HP, 30" Mower $365

VAC UNITS:
- 22778 **Giant Vac Unit** 5 HP B&S Engine, Pin Hitch, Steel Cover & Dump Cart $695
- 21136 **Kubota G-3008 Grass Catcher** To Fit 48" LGT Mower $335
- 18204 **Kubota G-3008 Vac System L&G** Fits G Series Tractors With 48" Mower $335

MISCELLANEOUS:
- 22943 **J-Bar, 3 Pt. Grading Box** 6' With 5 Teeth $375
- 22818 **Worksaver ATR-36 LT Aerator** 36", Cat. 0 & 1, 16" Fillable Drum, Like New $265
- 22773 **Gill Aereator** (Model F65-60) 60", 3 Pt. Hitch, 7" Diameter Drum, Good Condition. $285
- 22619 **Grizzly 101 Backhoe** 9' Digging Depth, Cat. 1 3 Pt, 16" Bucket $2,950
- 22923 **Kubota Broom F-3219** 60" Broom, Hyd. Angle, 50/50 Poly Steel Bristles $1,450
- 20756 **Ford Loader Bucket**, 72", Model 19SM505B, Brand New $550
- 20683 **Farmer's Factory Bucket**, 54", Manure Tines, Fits Ford 745 Or 545, Brand New $495
- 22907 **Leinbach** 3 Pt. Carry All w/Box PL-12 ..... $75
- 22711 **Leinbach #10 HD Cultivator** 1 Row, Cat. 1, 3 Pt., 6 Shovels $85
- 22889 **Brinley Disc**, Cat 1, Tandem, 4' $195
- 22615 **Pull Behind Disc** 5' Tandem, Adj. Pitch $225
- 22774 **King Disc Harrow** 3 Pt. Hitch, 4' Wide, 4 Sec., 16" Discs, Good Cond. $375
- 21840 **CTI Forks** Model #60, 6000 Lb. Capacity, Like New $695
- 22111 **Kubota BF-300 G.T. Loader** Quick-Tach, Fits B-8200 Tractors w/60" Bucket $2,150
- 22888 **Brinley Plow**, Cat 1, 3 Pt. $155
- 22691 **Speeco 2 Bottom Plow** 12" Moldboards, Cat 1, 3 Pt. $275
- 20800 **Homemade Row Maker** 3 Pt., Cat. 0 ..... $45
- 22942 **Landpride Stone Rake** LR1572, 6' Rake, Good Condition $295
- M1061 **Danuser H854 Hyd. Box Scraper** 54", Cat 1, 3 Pt., Hyd Dump w/Cylinder $495
- M1022 **Arps M394 Box Scraper** 54" Cat 1 3 Pt., Brand New, Retail $623 ..... $425
- 22725 **Century 50-3 Pt. Sprayer** 50 Gal, Cat. 1 3 Pt, PTO Pump, Boom & Hand Gun $695
- 22729 **Jackson 36H-80 Spreader** 36" Drop-Type, Like New $245
- 22730 **Cyclone BP-1 Spreader** Spinner Broadcast Type Tow-Behind $25
- 22786 **Kubota B8705 Ag Tires** 6x12 Frt. w/Rims, Good Condition $115
- 22787 **Kubota B8753 Ag Tires** 8x16 Rear, w/Rims, Good Condition $200
- 21407 **Kubota Fr. 6.3x16 Rear Tires** & Wheels $200
- 2394 **Pequea 6x10 Trailer** Tilt $595
- 22935 **International E-18, 2 Axle Trailer** 12,000 Lbs., Dovetail, Electric Brakes $2,225
- 22349 **Homemade Trailer**, 56"x116", Tandem Axle, 15" Tires, Tailgate, 12" Sides, Spare Tire $495

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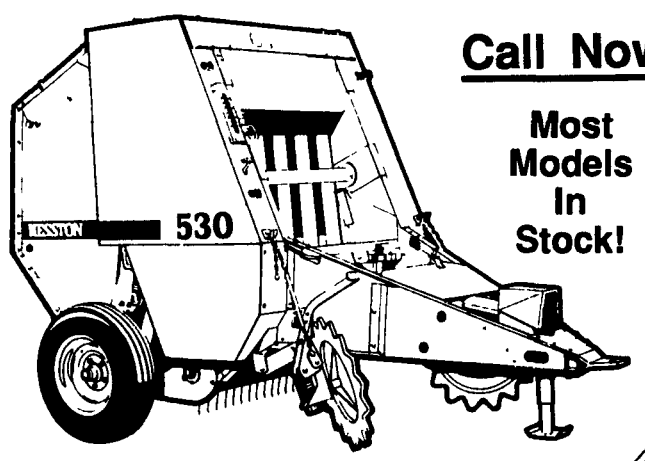

530 Round Baler

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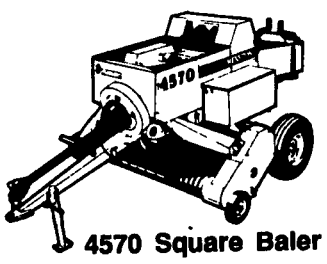
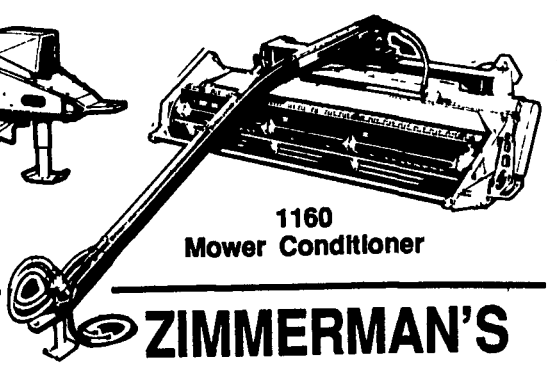
Most Models In Stock!



4570 Square Baler



1160 Mower Conditioner

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USED TRACTORS

IH 3388
IH 1086 w/ROPS
IH 1066 w/cab
Case IH 1896 w/cab, very nice

Case IH 7120, MFD, less than 25 hrs. w/balance 4 year warranty

USED EQUIPMENT

IH 4500 vibra shank, 3 pt. hitch, 19'
Wetmore grinder mixer, 130 bu. $1,500
Oliver 4 btm. mounted plow, 16"
JD 16' transport harrow
Case model 500 6 btm. plow, auto reset
JD 450 4 btm. plow w/shifting hitch
IH 9' drag harrow
IH 510 grain drill, single disc w/fert., nice
JD 7000 4 row corn planter w/fert. & insecticide

GRAIN HARVESTING

JD 4400 Combine w/rotary air screen, 2,500 hrs., nice
Gleaner Model G Combine, diesel w/4 row narrow head & grain head
IH 810 15' head
McCurdy 230 gravity boxes
McCurdy 275 gravity box

Badger 2600 Harvester w/2 row corn head w/2 row snapper head w/5' hay pickup $3,500

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USED EQUIPMENT

Oliver 2255 Tractor
Haybuster 107 Drill
NI 176 Elevator 36' (Sharp)
NI 406 Rake
NH 495 Haybine
A 6R 30" Head for AC Combine
JD 220 18' Disc Harrow
JD 27 Flail
JD 7000 12R Corn Planter
JD 216 Forage Box
JD 714 Forage Box
JD 714A Forage Box
Hesston PT10 Windrower
Hesston 1160 14' Windrower
White 80 4WD Tractor
White 288 Tractor w/Cab, Sharp!
White 265 Tractor
White 8700 Combine
White 8900 Combines
White 6B SAR 18" On Land Plow
Farmall 806 Tractor
IH 540 4X Semi Mount Plow
Ford 118 Plow
White 5100 6R Planter Liquid
White 5100 4R, Liquid
NI 3639 Spreader 390/Bushel
MF 22 Bale Thrower

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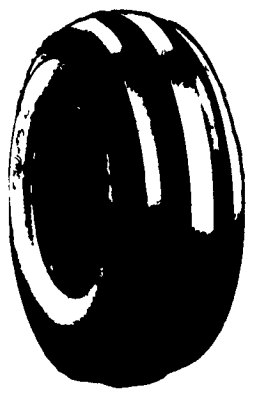

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500-15	4 PLY	$28
550-16	4 PLY	$32
600-16	4 PLY	$33
600-16	6 PLY	$37
750-16	PLY	$51

4 RIB

14L-16.1	6 PLY	$115
14L-16.1	10 PLY	$138

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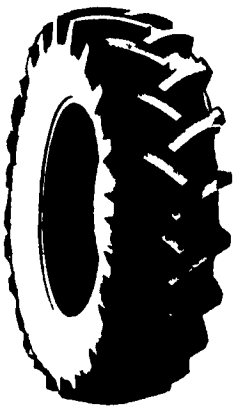

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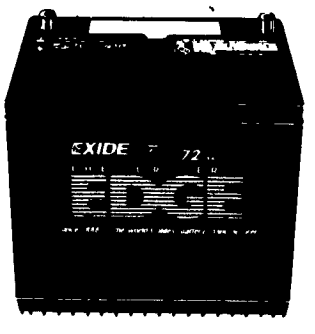
11.2-24	4 PLY	$130
14.9-24	4 PLY	$190
16.9-24	6 PLY	$258
13.6-28	4 PLY	$185
15.5-38	8 PLY	$280
18.4-38	6 PLY	$425
20.8-38	8 PLY	$645

FARM IMPLEMENT

9.5L-15SL	6 PLY	$43
11L-15SL	10 PLY	$55
12.5-16S	14 PLY	$80

EXIDE



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24	900	$52
27	650	$46
29NF	340	$45
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24/74 Comb	1000	$60
31	950	$74
1	625	$32
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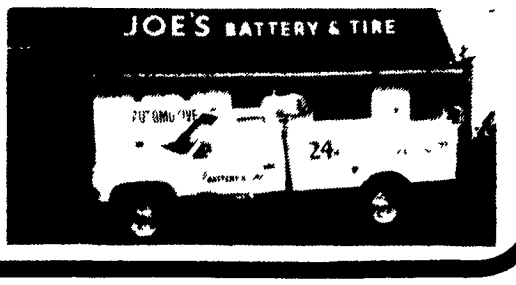

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145 Lo[illegible] ... $10,000

JD 4250 120-H.P., Cab, P/S, Duals $40,500

JD 4455 140-H.P., MFWD, 15-Speed $52,500

JD 4640 160-H.P., Cab, Quad, Duals $28,000

IH 1586 160-H.P., Cab, Duals $16,500

JD 1460 9-Ft. Mower Conditioner, Like New $11,900

JD 336 Baler w/JD 30 Ejector ..... $ 4,550

JD 336 Baler w/JD 30 Ejector ..... $ 6,250

JD 435 Round Baler $12,500

JD 3960 Harvester, Elec. Controls, w/2R30 Corn Head $10,500

Glenco 7-[illegible] SOLD
Saver ..... $ 4,695

JD 2500 5B18 Spring Reset Plow ..... $ 3,650

Marliss 8-Ft. [illegible] SOLD
Drill ..... $ 2,250

JD 8300 18[illegible] SOLD
w/Press ..... $ 4,450

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JD 7720 Diesel, Hydro, AHHC $29,500

JD 7720 Diesel, Hydro, AHHC, Grain Loss Monitor $30,500

JD 6620 Side Hill, Diesel, Hydro $30,500

JD 6620 Diesel, Hydro, AHHC, Monitor $35,000

IHC 1460 Hydro w/16-Ft. Flex, 6R30 Corn Head $39,000

JD 8820 Diesel, Hydro, AHHC, Grain Loss Monitor $67,000

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JD RG40 4-Row Cult. ..... $ [illegible]

JD SW 12-Ft. Disk Harrow ..... $ [illegible]

Howse 7-Ft. Rotary Cutter ..... $ [illegible]

JD 10-Ft. Roller Harrow ..... $ [illegible]

JD [illegible] 5B16 Plow ..... $ [illegible]

IHC 430 Baler Ejector ..... $ 1,[illegible]

JD 35 Forage Harvester ... $ 2,150

JD 315 14-Ft. Disk Harrow ..... $ 4,600

JD 1219 9-Ft. Mower Conditioner ..... $ 4,750

IHC 830 Forage Harvester w/2R30 Cornhead ..... $ 4,750

JD 7000 4R30 Cons. Corn Planter w/Coult. ..... $ 7,250

Lilliston 18x7 No-Til Drill ... $ 7,850

JD 7000 6R30 Cons. Corn Planter w/Coult. ..... $ [illegible]

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[illegible]-710 5B16 Plow ..... $ [illegible]

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NH [illegible] Baler w/Chute ... $ 4,800

JD 4400 Diesel, Cab, Variable Speed, Spreader $18,000

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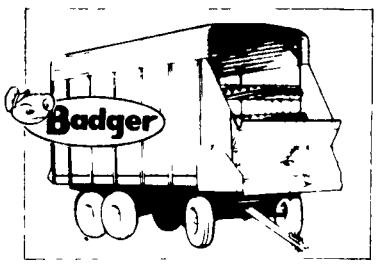

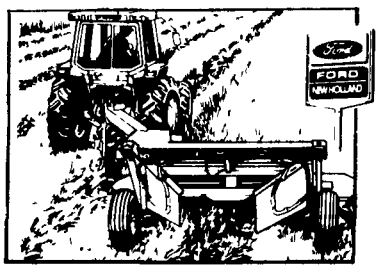

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(2) JD G- Runs Good Each	$2,900
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JD 720- Try- DE	$3,900
JD P - Not Running	$2,900,
Running	$3,900
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JD 330S - Runs Good	$8,500
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JD 730 High Crop- Very Nice	$13,500
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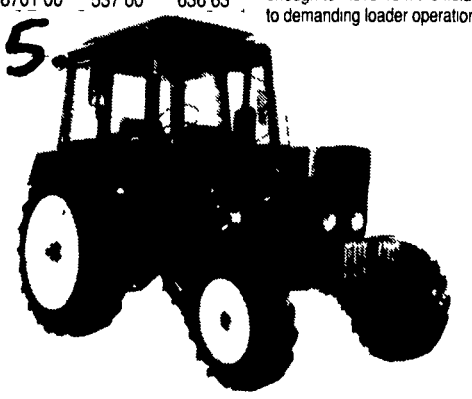
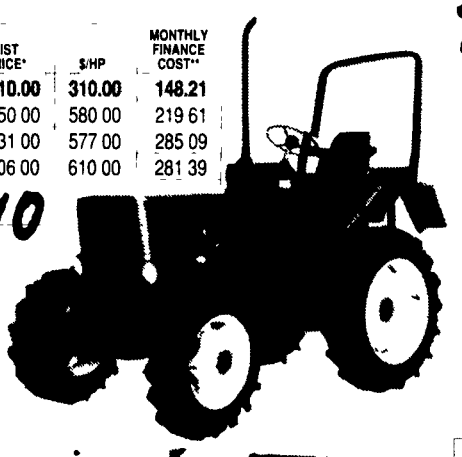
BELARUS	**825**	**75**	**16464.00**	**220.00**	**270.83**
CASE-IH	5120	77	42380 00	550 00	697 15
DEERE	2755	77	42562 00	552 00	700 11
FORD	6610	72	38701 00	537 00	636 63

The Belarus 825 offers the quality and features unbeatable by the competition at any price Consider the low maintenance rugged construction of this mid size tractor that is flexible enough to move from the field to demanding loader operation



	MODEL	PTO HP	LIST PRICE*	$/HP	MONTHLY FINANCE COST**
BELARUS	**310**	**29**	**9010.00**	**310.00**	**148.21**
CASE-IH	1140	23	13350 00	580 00	219 61
DEERE	970	30	17331 00	577 00	285 09
FORD	1920	28	17106 00	610 00	281 39



The compact Belarus 310 has big tractor features with a big tractor feel A reliable high torque 127 cubic inch diesel engine coupled with 4 wheel drive that automatically engages to pull you through rough wet conditions

	MODEL	PTO HP	LIST PRICE*	$/HP	MONTHLY FINANCE COST**
BELARUS	**1770**	**167**	**36881.00**	**220.00**	**606.58**
CASE-IH	7130	173	82357 00	476 00	1354 77
DEERE	4755	175	87082 00	497 00	1432 50
FORD	8830	170	70961 00	417 00	1167 31

For the farmer with large acreage the Belarus 1770's turbo powered V-6 558 cubic-inch engine provides plenty of dependable pulling power to give him the competitive edge

Other Belarus models available from the Model 250, 31 engine HP, 2 wheel drive w/ROPS, with a suggested list price of $6,725.00 to the Model K 701-M, 335 engine HP, four wheel drive priced at $85,085.00*.

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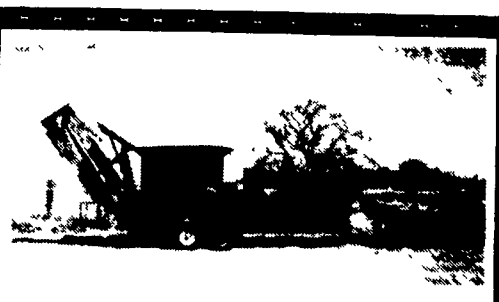
1 FARM EQUIPMENT



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JD 4050 SGB, quad range
JD 2950 fender tractor, hi-lo, nice
1981 JD 4440 power shift, SGB
JD 4440 SGB, power shift
JD 4040 quad SGB
JD 2940 SGB, complete engine overhaul
JD 4430 SGB, Quad
JD 4230 SGB, Quad, 4000 Hrs., Very Nice
JD 4320 w/year-a-round cab
JD '74 model 4230, SGB, quad
JD 4320 w/factory cab
JD 4000 diesel w/year round cab, dual hydraulics gear drive
JD 4020D, WF, side console, gear drive
JD 2520D WF, very nice
JD 730 L.P. gas w/3PT, straight sheet metal
JD 720 D w/WF
JD 630 gas

Case 1835B diesel skid steer loader

Case IH 5140 Maxxum, MFWD, cab, air, power shift w/creeper, loaded, like new
IH 5288 MFWD cab, air, 20" duals, fully mtd., '84 model, v. sharp
IH 3088 fender tractor
IH 3088, 2200 hrs., 4 post canopy
IH 1586 cab, air
(2) IH 1486 factory cab, air
IH 1086 cab, air
IH 986 factory cab, air
(2) IH 886 cab, air, very nice
IH 86 hydro, WF, 3PT, nice
IH 684D
IH hydro 84 w/2250 IH loader, very nice
IH 1456 fender tractor, 20" rubber, nice
IH 966 w/cab & air
IH 966 with or without cab
IH 826, WF, 3PT, year round cab
IH 826 diesel, WF, 3 pt. fender tractor
IH 756D, WF, 3PT
IH 656D, WF, 3 pt.
Farmall Cub w/sickle bar
MF 2675 factory cab, air, 2400 hrs.

Combines

1984 JD 6620 Side Hill, 4WD
JD 4420 air, monitors, header height
JD 4400 1979 model, 2200 hrs., 23" tires, v. nice
JD 4400D, air, 1974 model
MF 850 hydro, 2WD
MF 850D hyd. 2WD, very nice

Heads

MF 1163 6RN, very good
MF 1143 4RN corn head, good cond.
MF 1144, 4RW
MF 1859, 16' flex w/Ull reel
IH 963 6RN
IH 843 4RN
JD 443, 4RN
JD 444 4RW; JD 444 oil bath
JD 213 flex black reel
JD 215 flex
JD 216 flex
JD 100 Series 13' & 15' rigid heads
NI 711 grain head, nice

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White 23' rock flex wing fold disc
IH 475 21' disk, hyd. wing fold
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IH 70 hydro
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Farmall 400 & 450 D & gas
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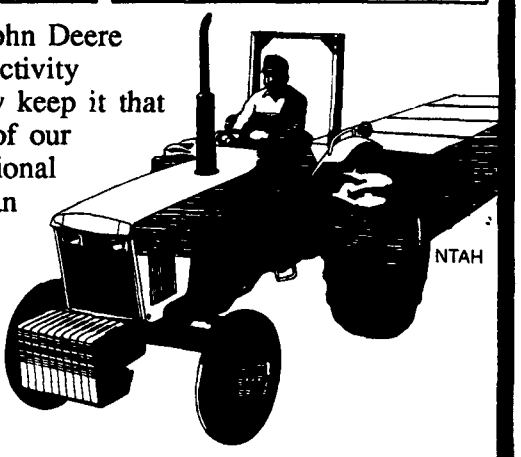

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24' Glenco folding cultivator
IH 5100 grain drill, very good condition

FORAGE EQUIPMENT
Gehl 600 forage harvester w/2 row wide corn head & hay head
JD 6500 forage blower
NH 8 forage wagon, no roof

COMBINES
JD 6600 Side Hill combine, 215 flex platform, 213 flex platform

HAY TOOLS
JD 1219 9' mower conditioner
JD 1460 rotary mower conditioner, excellent shape
NH 499 hydra-swing mower conditioner w/new rolls

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JD 660 tandem manure spreader w/hyd. endgate
JD 680 spreader w/tailgate

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JD 318 lawn & garden tractor w/48" deck
AC 718 lawn & garden tractor
1989 Grasshopper w/41" cut

MISCELLANEOUS
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Woods C80 pull type mower w/cylinder
IH 40 stalk shredder, 4 row
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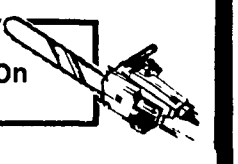

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Farmall 460 Gas	$ 2,500
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JD 443 Corn Head	Coming In
JD 343 cornhead	$ 2,950
JD 4400 Combine, Gas	$ 4,995
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NI 844W Cornhead	$ 1,600

MISCELLANEOUS

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JD 3 Btm. 3PT Box Beam Plow	$ 885
JD 3 Btm. 45 Plow	$ 775
JD 5 Btm. Trip Plow	$ 1,000
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JD Cutterhead For Self Propelled Harvester	$ 2,500
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White 8600 Combine, w/15' Grain Head, 1978
IH 820 Grain Head, 22½ '

TRACTORS

Case IH 855 w/Cab, 2255 Loader
Case IH 1140, MFD, Hydro w/Loader & Backhoe (Compact Diesel, 27 HP, 85 Hrs.)
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MISCELLANEOUS

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FMC-Bean 20RC Air Sprayer - 400 Gal. SS Tank
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IH 165 5 Bottom Rollover Plow
Farm-Hand Dump Wagon
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HAY & FORAGE

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NH 75 Bale Kicker
NH 488 Mower Conditioner - 9 Ft.
NH 276 Square Baler
NH 268 Square Baler w/Thrower
IH 56 Forage Blower
IH 435 Square Baler
JD 346 Wire Baler
New Idea Manure Spreader
Ford Scraper Blade

Farm-Rite inc.
Agricultural Equipment, Supplies & Services
SHILOH, N.J.
1-800-752-6373

case IH

Sales, Service & Parts For AGCO Allis, Kubota, New Idea, Hesston, Bush Hog And Brillion

MARSHALL MACHINERY, INC.

Rt 652, Midway Between Indian Orchard and Beach Lake.
Honesdale, PA 18431 (717) 729-7117

WE SHIP PARTS DAILY BY UPS.
Hours: 8-5 Mon.-Sat.

HAY & FORAGE

HAYBINES:
NEW IDEA: 270, 272 Cut/Ditioners
NH: 472, 479, 489 **GEHL:** 1070
HESSTON: 1070, 1071, 1090, 1014 Hyd Swing
DISCBINES: **DEUTZ:** SM70
BALERS: **HESSTON:** 4600 w/Thrower.
N.H.: 630; 847 Round Balers **D/A:** HD 490 w/Thrower
N.I.: 483, 484 Round Baler, Demo ***FORAGE HARVESTERS:***
HESSTON: 2000-100, 2000-150, 7020 w/Your Choice Of Heads, 7140, JD 3800, Gehl 970 Forage Box & Gear
LARGE SELECTION OF PICK-UP & CORN HEADS. CALL FOR YOUR NEEDS.
FLAIL CHOPPERS: **N.H.:** 38 ***FORAGE BLOWERS:*** **N.I.:** 620, 622, Gehl Blower w/Re-Cutter
NI Rakes, Fahr Four Star Centepede Tedders, New Deutz Fahr KS 2 60 Dual Rotary Rake w/Hyd Fold For Easy Transport 19½ ' Working Width
10'x24' Tandem Axle Hydraulic Dumping Round Bale Hauling Trailer
Equipment For High Moisture Corn, McKee Corn Hog, Kool Regrinder Blower
White Top Harvester Silo, 20x32 w/Unloader, Torn Down Ready To Load Delivery Available

CHECK OUT Our Tillage Equip.

TANDEM DISCS:
IHC: 350 Smoothing 14 Ft , 37 Smoothing 14 Ft
WHITE: 13 Ft
BUSH HOG: 12 Ft , 14 Ft Plowing, 13 Ft Smoothing
AC: 2300 10 Ft
MASSEY FERGUSON: 10 Ft Leveling, 12 Ft Smoothing
KEWANEE: 800 Super Flex 14 Ft , 18 Ft & 13 Ft Rock Flex
JD: RWA 13 Ft Smoothing, BWA 12 Ft Smoothing
OFFSET PLOWING DISCS:
BH: 12 Ft. Reconditioned.
MILLER: 11 Ft 3 Bar, 14 Ft
KEWANEE: 12 Ft Demo
JD: 14 Ft 340 Rebuilt , TWA 10 Ft
ATHENS: 11 Ft Tandem
PLOWS:
JD: 2800 7 Bottom On Land Hitch Reset, 2500 5X Semi-Mount Reset, 3600 4X And 5X Spring Reset Trailer.
IHC: On Land Hitch 710 6X, 720 8X, 720 6X, 735 Variable 5X.
7-14 Shank 3 Pt. Chisel Plows
Brillion 16 Ft And 18 Ft (Danish Tine) Spring Tooth Harrows.
BRILLION: 9 Shank Soil Saver
7-14 Shank 3 Pth & Trailer Chisel Plows

SPECIALS

Brouwer, 5 Gang, Fairway Mower, 5 Blades, Hyd. Lift, Leftover	$8,773.00
NH 520 Spreader w/Hyd. Tailgate, Side Extensions, Like New	$2,995.00
Vermeer V440 Power Trencher, Diesel	$7,749.00
AC 345 Payloader w/Log Fork And Bucket	$19,800.00

TEST DRIVE One Of These In Our Yard

HI CLEARANCE: Ford 2000, Farmall Super A
AC: 6060, 6080 w/ROPS & Sunroof; 7000 w/Cab, 7010 w/Cab, PS; 200 w/Cab, 180 Diesel, 185 Diesel, 190XT Diesel, 5040 w/Ldr., D12. D10 w/Woods L159 Mower; Farmall: 686 Diesel, 806.
CASE: 385 Utility Tractor w/Hydraulic Drive Sickle Bar Mower; 1175.

DEUTZ: 7085 w/Cab 2WD; DX140 w/Cab; DX90 4WD **FORD:** 5000 D, 4000 w/Ldr., 3000 w/Ldr., 8N's, 540A w/Cab, 335 w/Ldr. & Cab - 641 w/Rotary Mower. **KUBOTA:** M7950DT 4WD w/Cab, M8950DT 4WD w/Cab; B8200 4WD w/Loader; B7200 w/Ldr. 4WD, M5500 w/Ldr. **IHC:** M, 140 w/Cultivator, 184 w/Woods Belly Mower, 806, 544 w/Ldr., 340, Super H; Massey 135 w/Ldr. **JD:** 3010 Gas, 1020

STOP And Check Our Selection Of Manure Equipment

LIQUID: 3000 Gallon Vandale Vacuum Pressure Liquid Spreader For Truck Mounting, Hawkbilt 3220 Gallon; H/M 2900 Gallon, 2400, Scavenger 1263, Betterbilt 1500 Gallon, Clay Honey Wagon Vacuum
Several NI And NH Box Spreaders, Various Sizes. Barrel Spreaders - NH 668, Hawk 207, JD 465
NH 520 Spreader w/Tailgate, Sharp

Time To THINK About PLANTING EQUIPMENT

JD 8250 Disc Grain Drill, Like New, JD 8350 Dbl. Disc Grain Drill- 18 Disc; AC 2- 4- 6 Row Corn Planters, JD 2 Row Corn Planters; Brillion 21 Ft. Ex Fold Cultipacker- Like New; Brillion 10 Ft Cultimulcher, New & Used Brillion 8 Ft. & 10 Ft. Cultipacker Seeders, JD 2 Row Tool Bar Corn-planter 3-Pt.

INDUSTRIAL

TRACTOR/LOADER/BACKHOES: Case 480, 580, 580B, AC 715 C, Ford 3550, York Grader (Towable).
DOZERS: JD 450C w/6 Way Blade, JD 450, AC 653 w/6 Way Blade, ACH3, Case 450 Crawler w/4 & 1 Bkt , JD 450 Crawler Loader, JD 455E Loader
TAG-ALONG TRAILERS: 3 Axle, 9 Ton, General 9 Ton Trailer
LOADERS: AC 640, AC 615, Massey 2135, Komatsu D55S3 Crawler Loader, Excellent Bottom, JD 440A And 440B Log Skidders, Pettibone B66 4WD Forklift, Ford Lane Paver Model A-2; AC 600 Forklift, Waldon 5000 Diesel Payloader, 4WD, Articulated.
EXCAVATORS: Cat 225 Excavator
SKID STEERS: NH L775 Skid Steer Ldr , NH 325 Skid Steer, NH L553 Skid Steer; JD 375 Skid Steer

PARTIAL LIST Of Miscellaneous Equipment

FORAGE WAGONS: Int'l 110 Chuck Wagon w/Roof, Lamco 3 Beater w/Roof; Fargo Side Dump Trailer Model, M&W 400 Bushel Gravity Wagon.

FEEDER WAGONS: Knoedler Feeder Wagon, Knoedler Dial-A-Mix Wagon, E-Z Flow 220 w/Grain Wagon, Kilbros 250 Grain Wagon.

TMR Mixer Wagon: Schwartz 800
York Heavy Duty Pull Type Road Rake; Stoltzfus 30' Truck Mount Fertilizer Box And Lime Spreader, Case/IH 8610 Bale Processor, Hesston #10 Stack Hand And #10 Stack Processor, Kalyn MD6 Tandem Dump Trailer, Westfield 8x51 Ft. Grain Auger. Shaver 3 Pth. Post Pounder, JD 30 2 Row Potato Digger, JD 2 Row Potato Planter, MC 3 PTH Lawn Genie Pickup Mower, Jobber Rock Windrower, Used Wic 3 Pt. PTO Bedding Chopper, Vermeer Trencher, Unloading Auger For Gravity Box, A&W 250 HP Dynamometer, 3 Pth PTO Wood Saw.

SPRAYERS: Myers 100 Gal. 3 Pth, Demco 300 Gal.
Hydra Ladder For Fruit Picking, Wisconsin Engine.
LARGE SUPPLY OF FRONT-END LOADERS AND CABS FOR VARIOUS MAKES OF TRACTORS.

TINKERER'S ROW: Int 430 Baler w/Thrower, AC 6 Row No-Till Corn Planter, NH 33 Flail Chopper, AC D15, AC 190 w/Cab, AC B, AC 175, Ferguson 20, 35, Farmall H; JD 336 Baler w/Thrower; JD 301 w/Loader, Ford 7710 4WD.

CONVENTIONAL

MF 8460 COMBINE

HARVEST TIME

When it comes to conventional combines Massey Ferguson is a name you can trust. Our current line of 8450 /8460's have the quality and features you're looking for. Stop in today!

NOW IN STOCK

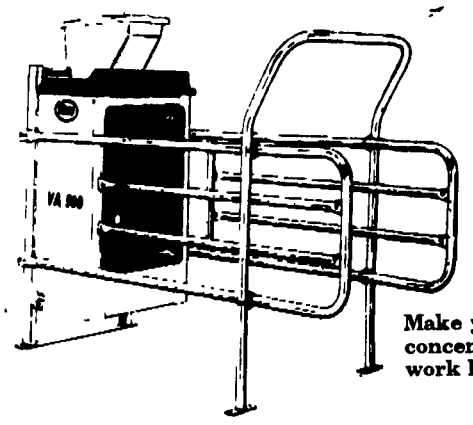
THE ULTIMATE CONVENTIONAL COMBINE

MASSEY FERGUSON

With this concentrate feeding system LESS MEANS MORE

Dairymen report a 7-8% increase in milk yield with 5% less concentrate input with the new VA 500.

Each cow's ration is fed automatically according to her individual lactation curve. **Feeding for production** means high producing cows get more. Every cow pays her way. The whole herd can be housed together and you don't need complicated computer support systems for operation.

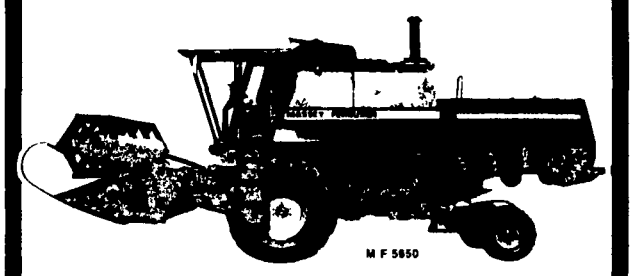


Make your concentrate work harder.

Vicon Dairy Computer Feeders

25 Cow System..**$1,900**
50 Cow System..**$2,900**
75 Cow System..**$3,900**
100 Cow System **$4,900**

THIS ECONOMICAL MF-5650 COMBINE IS READY FOR YOUR FARM

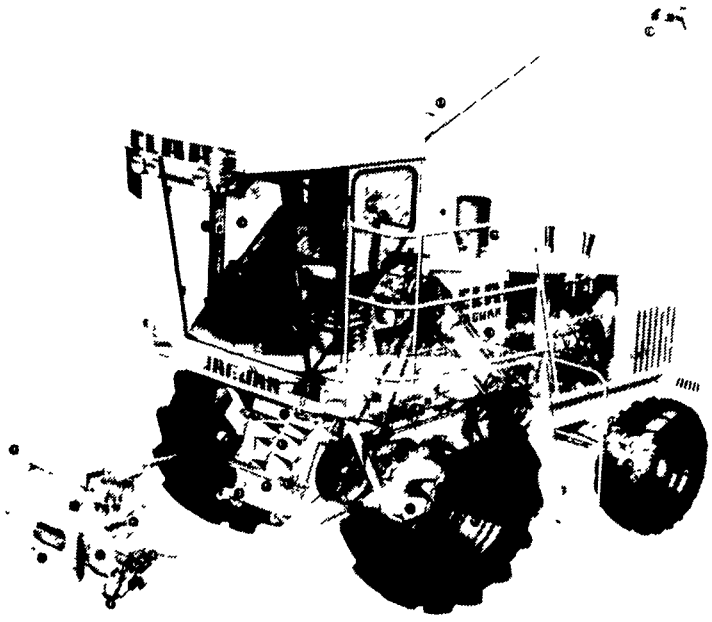


Call For

HARVEST TIME SPECIAL PRICE

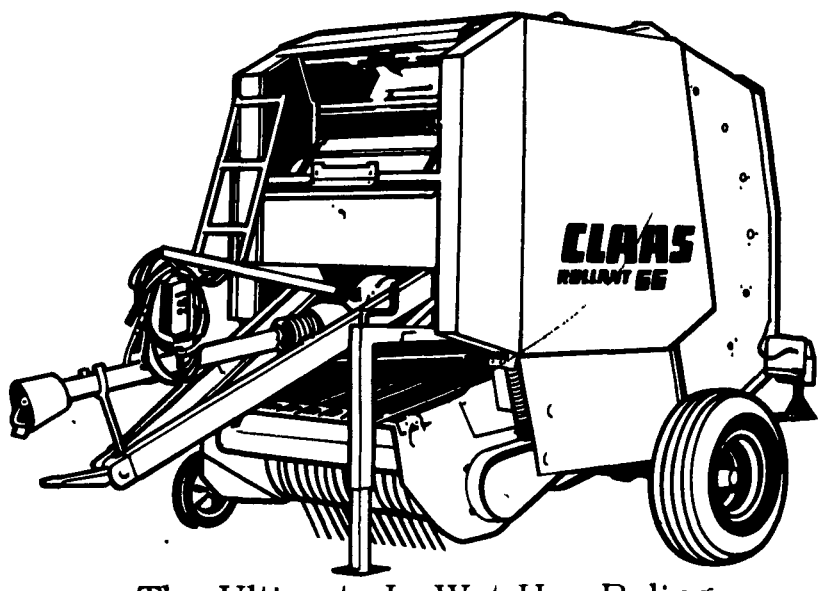
2 Machines In Stock

THE CLAAS HARVESTER LINE



STOP BY TO SEE THIS NEW HARVESTER #1 IN EUROPE

CLAAS STEEL ROLL ROUND BALER



The Ultimate In Wet Hay Baling

- Ideal In Corn Stalk Baling
- Rollant 46 and 66 can net wrap a bale in 10 seconds
- Bales can be twine wrapped in only 20-25 seconds
- Rugged steel roller, fixed chamber design
- Extremely reliable - low warranty claims

CLAAS THE HARVESTING SPECIALISTS

USED TRACTORS

IH 86, Hydro	$8,500
MF 1080, 80 HP	
IH 584 w/IH 2250 Loader	$7,700
MF 2805 190 HP	$12,500
MF 3650 4WD, 130 HP, 1545 Hours	$32,000
MF 2745, 143 HP	$12,000
MF 285, 82 HP	$8,500
MF 1085, 82 HP	$8,000
MF 40, With Loader	$4,700
MF 1030 2WD, 26 HP	$6,700
MF 1030 4WD, 26 HP	$8,000
MF 1035 2WD, 31 HP	$7,600
MF 1045 2WD, 35 HP	$8,650
MF Tractor Loader Backhoe	$8,500
MF 3525, 110 HP	$18,500
MF 35 w/loader	$4,500
MF 374 4WD w/loader	$21,000
Ford 861	$3,200
Ford 8600 105 HP	$8,500

HAY EQUIPMENT

NH 489 Haybine	$4,700
MF Forage Blower	$1,500
J Bar 3 Pt. 4 Wheel Rake	$475
Brady 7 Ft. Flail Stalk Chopper	$2,500
Grimm Hay Tedder	$1,500
MF Demo 228 Baler with Thrower	$11,000
Brady 12 Ft. Flail Stalk Chopper	$2,900
MF 128 Baler	$1,800
Vicon 321 Discbine	$9,900
JD 24T Baler w/thrower	$600
New 1511E Vicon Round Baler	

Just Traded: MF 135 Diesel Tractor

PLOWS & TILLAGE

New 15' Yetter Rotary Hoe	$2,695
M&W 5 Tooth subsoiler	
New 14 Ft. Cultipacker	$1,875
Yetter 15 Ft. Rotary Hoe	$2,400
5 Ft. 3 Pt. Rototiller	$1,500
New 12 Ft. Transport Disc	$2,500
MF 7 Tooth Coulter Chisel Plow	$4,200
Glenco 7 Tooth Soil Saver	$5,900
Vicon 17' Field Cultivator	

FEEDING & MANURE EQUIPMENT

FarmMaster 140 Stationary Mixer Stainless Steel	$5,500
Gehl 533 3300 Gal. Slurry Spreader	$6,000
NH 791 Tandem Axle Manure Spreader	$2,700
New Betterbilt #2500 Tank Spreader	

USED COMBINES

Year	Model	Price
'84	860	$21,500
'81	860	$19,500
'80	760	$9,000
'80	750	$11,500
'80	750	$8,500
'79	760	$11,000
'77	300 Dsl.	$3,800
'77	750	$9,500
'77	760	$4,000
'75	760	$4,000

Just Traded Three 860 Combines

Call For Details

MISC. EQUIPMENT

York 75 HP Scraper Blade	$1,075
New 14 Ft. Belt Elevator	$1,175
IH 2255 Loader	$2,200
JD 520 field sprayer	$700

MASSEY-FERGUSON

M.M. WEAVER & SONS, INC.

Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23, 1½ miles Northeast of Leola on the No Groffdale Rd , 1 mile on the right opposite Groffdale Mennonite Church

MITSUBISHI ENGINE

THERE'S MORE THAN JUST POWER IN THE NAME

There's More Selection: 5 to 5,000 hp with specific concentration from 10 to 50 hp

There's More Exp.: For over 60 years these engines have proven themselves the world over, in the most demanding applications

LET'S TALK DIESEL POWER

USED ENGINES

1154 Dan -VM Diesel w/Clutch

NEW ENGINES

1 - S4F-T 87 HP @ 3000 RPM. $3,700
2-K4E's 31 HP @ 3000 RPM.... $1,825

RUFUS BRUBAKER REFRIGERATION & POWER
JAMES E. HORST
76 Pumping Station Rd.
Quarryville, PA 17566
717-786-1617

SPECIAL OF THE WEEK

MF 4840, Cab/Air, 8 New 20.8-38 Tires, 3 Point Hitch, 4 Hyd., 3,270 Hrs., Nice
$21,000

IH 3088	$11,700
IH 574	$ 5,200
IH 574 w/Cab	$ 7,200
IH 244 w/7' mower	$ 4,400
IH 186 Hydro, Cab & Air	$12,000
Minn. Moline G1000	$ 4,500
MF 4840, 8 New Tires	$21,000
MF 2775 8 Speed, C/A, Duals	$11,500
MF 1150 w/Duals	$ 5,900
MF 1105 w/cab, loader & bale grapple	$10,900
MF 1100, diesel, multipower	$ 3,200
MF 275, diesel	$ 5,900
MF 265, multipower	$ 6,500
MF 178, diesel	$ 3,200
Ford 2N	$ 1,500
JD 4440, 4x4 w/cab	$17,900
JD 2640, hi-low w/146 loader	$10,500
JD 1520, diesel, hi-low shift	$ 5,500
JD 1050, 4x4	$ 8,500
JD 330 Diesel w/Mower & Blade	$ 4,750
Deutz Allis 6260	$ 6,800
Deutz DX160, 4x4, cab & air	$11,500
Deutz 130-06	$ 6,500
Deutz 130-06 w/Cab	$ 7,500
Oliver 77 diesel, wide front	$ 750
Oliver 440 w/cultivator	$ 3,500
AC 7020 compact w/loader	$ 3,500
Case 1845C skid loader, nice	$10,900
JD 575 diesel skid loader, 1,300 hrs	$ 7,700
IH 4X Rollover Plow	$ 1,500
JD 2600 auto reset plow, 6 btm	$ 2,500
JD 110 Disk	$ 1,900
JD 400 Rotary Hoe	$ 1,300
Taylorway 7' Soil Saver	$ 3,900
Cultupackers 5' to 14'	$200 to $ 1,200
Oliver 3 Bottom Plow	$ 550
NI 325 12 Roll Picker	$ 3,900
Gehl 1580 Blower	$ 1,400
IH 120 Forage Wagon, Tandem Gear & Roof	$ 3,500
MF 9113 Flex Head, new	$ 5,200
MF 15' Flex Head	$ 1,900
MF 20' Flex Head	$ 1,900
IH Pickup Head For 720 Or 830	$ 700
1,500 Gallon Liquid Vacuum Spreader	$ 2,800
IH 7 Shank Auto Reset V Ripper	$ 4,900

Tractors Available For Rent Or Lease
Financing Available

L & M BURKHOLDER
Between Brownstown & Rothsville
Ephrata, PA
717-859-2960 717-859-2712
Shop 717-859-6616

1 FARM EQUIPMENT

Tractor carburetor rebuilding. 6 month warranty. Return shipment. New Zenith carburetors. Rebuilding 8N Ford oil pumps.
Farmer's Service
(216) 482-4180
8:30 to 5:30

M3 Gleaner Self-Propelled Combine
Corn head and grain head, hydrostatic 67 original hours
$45,000
315/658-2568

All Combines Sold—
Free Parts For One Season
If In Our Parts Lot.

Dismantling For Parts:

Combines	Harvesters	Planters
Cultivators	Haybines	Plows
Discs	Mowers	Spreader
Drill	Pickers	Tractors

Combines for Salvage

IH 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74 JD 7720 7700, 6620, 6600, 4420, 4400, 3300, 105, 95, 55, 45, 40 MF 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26 AC Gleaner, F, F2, L, M M2, K, G E C C2, A, 60, 66 Oliver 7600, 545, 535, 525, 430, 40, 35, 33 NI Uni, 710 Combine, NI 717, Huskers, 705, 702, 701, Combine shellers & harvesters Case 1160, 960, 700 660, 600 NH 1400, 975, 985, TR70 MM 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers, JD 7720, Motors, transmissions, tires corn & grain heads, grain savers, 1984 JD 6620 side hill w/heavy steering axle

Parts For IH 1440, 1460 Rotarys & 717 Combine **NI 802 w/Harvester** **JD 6600 & 6620 Side Hills**

Financing or Lease Available

COMING IN
1981 AC, N5 Rotary Combine w/6R 30" Corn, 15' Flex
1976 JD 6600 Side Hill, hyd. diesel, 2800 hrs., w/6R 30" corn & 215 flexhead, real nice local combine
JD 7720 hydro diesel, 1800 hrs., w/6R 30" low tin, 4R 38" high tin, JD 216 grain head, right out of corn

COMBINES

IH 315 w/Grain, 3R 30", 2R 38", out of field
NH TR70 Cat diesel, hydro, choice of grain 4R or 6R 30"
NI 717 combine & grain head
AC F2 diesel turbo, hydro, roll up auger w/heads
AC F2 diesel, gear drive, choice of heads
JD 4420 diesel, big rubber, choice of corn & grain heads, nice
JD 6620 diesel,hydro, $15,000
1978 JD 7700 hydro turbo diesel, choice of heads
AC A2 w/grain & 2R & 3R 30"
AC E w/grain & 2R or 3R 30"
AC M2 w/grain & choice of 6R or 4R corn
Oliver White 7600, gas, hydro, w/ grain 4R 30", 6R 30" corn
NI 702 uni, gas, cab w/710 combine, husker & 2R head
JD 7700 dsl gear drive w/heads
JD 6620 hydro, diesel, level land
1979 JD 4400 3000 hrs , nice
JD 4400 diesel w/heads
1979 JD 4400 diesel, choice of heads
JD 105D w/6R 30" corn & grain & 4R
JD 55 sq. back w/grain head & 30" 3R corn
AC F-2 diesel w/heads
1976 AC F diesel w/4R corn & grain
1976 AC F D w/choice of heads, big rubber, nice
AC F diesel grain saver w/heads
AC F diesel, new motor w/heads
1979 MF 550 hydro D
MF 550 diesel hydro, gray cab w/ heads
MF 510 diesel w/grain saver 4R 30" corn & grain, $3,875
MF 510 diesel, hydro w/heads
MF 760 diesel, turbo, hydro, choice of heads
MF 35 SP w/8' grain & 2R corn
(2) IH 82 pull type auger feed, nice
IH 93 w/10' head, nice
IH 205 w/cab, grain & 2R, nice 3R 30"
Late IH 715 w/Cerman diesel & heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
1980 IH 1440 axle flow & heads
IH 715 hydro diesel w/grain & corn
NH TR70 Ford diesel, choice of heads
6R 30" CH or 4R 38" CH

GRAIN DRILLS

Coming In (2) JD 8250 w/grass seed, fertilizer, hooks together, Tandem hitch, like new
IH 5100 DD w/grass seed & press wheels, nice
Ontario single disc w/fertilizer & grass seed
JD FBB w/grass & fertilizer

SPREADERS

NH Tank Spreader
NI Tandem
NI Single Beater
Martin auger front spread tandem wheels tractors
NI 213 Single Beater
NH 667 tank rt hand throw
NH tank spreader, rt hand cheap

LOADERS

AC D15-D17
Case IH 2255 Mount-O-Matic, In The Crate Never Mounted
IH 2000 loader
Snow blades for loader or front mounted
IH fits Super M
IH w/2 hydr buckets off MF 65
JD dozer blade like new fits 4020 to 4840 & other tractors
JD 45 for 2 cyl tractor, real nice
JD 45 loader
NI w/hyd bucket
MF 65 ldr

EXTRA CORN HEADS & GRAIN HEADS

IH 3R 30" fits IH 205 or 315
NH TR75, & 85 4R 30", Nice
NH TR75 & 85 flex 16' head
AC F, F2 ndgid grain heads
JD 3R 30" for 3300 or 4400
NI 713S Flex, 13'
(2) JD 4R sunflower & beam heads
JD 215 Flex w/AC M, & L hookup
JD 6R 30" for side hill
White 4R 30", 4R 38"
AC L, M 13' Grain
JD 216 Flex
JD 220 20' flex, nice
JD 213 13' flex & ndgid
JD 215 15' flex & ridgid
IH 810 flex & ndgid
White 8600 15' flex
MF 20' flex & 15' flex U2 reel
NI 11' ridgid & 13' flex
IH 844 4R 38"
MF 6R 30", 4R 38", 4R 30", 2R 38", 3R 30"
AC 6R 30", 4R 30", 4R 38", 4L or M
AC G Combine, F Combine, 4R 38"
IH 203, 205, 315, 2R 38"
IH 615, 3R 30"
JD 45, 55, 3R 30"
JD 105, 6R 30", 4R 30", 4R 38", 6R 30"
NH 4R 30", 4R 38", & Grain heads
Lots of other heads in stock

MOWERS/ ROTARY MOWERS

AC trailer type belt drive
(2) JD 6' pull type
JD 7' trailer, offset wheels
3 pt. 6, 7 & 8'
JD 10' 1408 , 3 pt
JD 15' #737 rotary mower
Also pull types
Rotary mower
Ford 7' 3PT
IH 3PT belt drive
IH 14' #60 flail stalk chopper
NEW 11' rotary mowers HD up to 125 HP

MISC.

NI 36' bale & grain elevator
(3) IH semi & trailer belt drive
IH fast hitch mower
JD elevator w/drag elevator
(2) 24' elevators
New Case backhoe loader bucket
IH & JD mowers
20' grain or feed elevator, $250

GOOD RUNNING MOTORS

Tractors JD 4440, 4240, 4320, 4020, 4010, 2840, 2510, 2010, 2020, 1010 IH 1066, 966, 856, 806, 756, 706, 656, 560, 460, 400, 450, 584, 574, 664, 544, 504, 340, 300, C, H, M AC D15, D17, D19, WD, WC, XT 190, 210, 220, CA, C Case 530, 300 Ford 8N, NAA, 800, 871, 3000, 4000, 5000
Combines JD 7720, 7700, 6620, 6600, 4420, 4400, 3300 IH 1460, 1440, 915, 815, 715, 615, 315, 205, 203 AC L, M2, F, C2, G, E MF 760, 750, 510, 410, 300 NI V6 gas & diesel

(2) IH 6 cyl gas w/clutch
Chrysler Ind 8 cyl w/clutch
6 cyl Hercules w/clutch

CORN PICKERS

NI 324 2R 38", 12 roll bed, nice
NI 323 1R $1,225
NI 323 1R $1,450
NI #10, nice
NI 323 1R w/rubber rolls $1500
NI #311 2R 38" Pull Type
Blue For SOLD Mounted
Woods 1R pull type
NI #7 1R Pull Type
NI 702, w/husker, 2R head
(2) NI 12 roll beds for 324, 325 pickers
NI 310 1R
JD 300 w/2R, 30"
(2) NI 324 2R, 38"
NI 325 2R, 30"
Farmall 460 gas w/IH mt , 2R

35 DISCS & ROLLER HARROWS

Kewanee 18' wing rock flex
JD 230 Rock flex, 22' double hyd fold
White 18' wing disc
(2) JD 360 14' offset
Bush Hog 12' offset
JD RBW 12' plowing disc
(2) JD 360 14' offset
Bush Hog 12' offset
JD RBW 12' plowing disc
(2) JD 220 18' center fold
(2) IH 500 13' & 14'
(2) JD 210 13' disc
Birch 24' double fold disc
White 18' wing disc
Lots of other makes & models

GRINDER/MIXER

NH 358 long extension auger
IH 1150 $1875

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert Spreaders
Cement Mixers

HARVESTERS & UNLOADING WAGONS

IH #8 Flair Chopper, Nice Shape
(2) bin corn wagons, $600, $800
Fox 2300 & 2R cord belt type
IH 781 w/2R & pickup
Gehl 300 w/1R & pickup
NH 717 2R 30" cornhead #742
Badger 3 beater tandem wheels, unloading wagon w/roof
Gehl 3R harvester head, $750
Gehl CB800 w/2R 30" corn
IH 720 w/2R corn & pickup
Papec w/2R corn & 2R snapper
IH #8 Flail Chopper
IH 720 w/2R 30" or 38" Corn Head
JD 15A 5'
JD 16A Flail Chopper
Gehl 600 w/1R
NH 890 & 880 P/U & corn head
NH 38 6' flail chopper
NH 2R 30" corn head, $500
JD 38 all elec controls
JD 38, 2R, & pickup, $1,500
JD direct cut for 38 - 3800 - 35
JD 2R for 38 - 3800 - 35
JD 16A flailchopper
IH direct cut for 50 - 555 - 550 - 650
Coby 3 beater unloading wagon w/roof
Badger 3 beater, roof unloading wagon
JD 216 tandem wheel unloading wagon

60 PLOWS

2 & 3 bottom 3 pt plows
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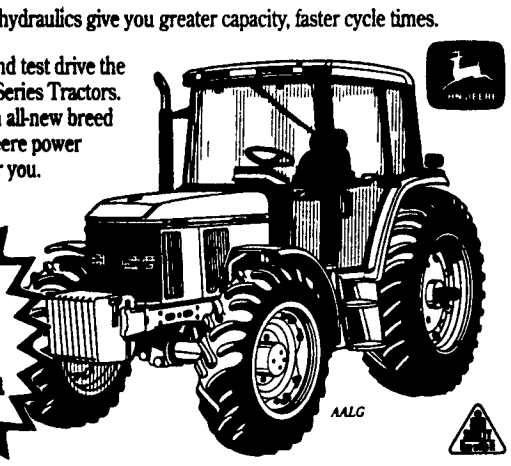

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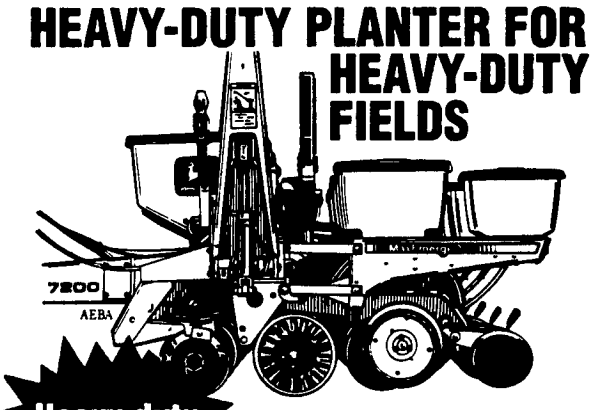

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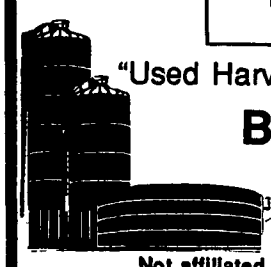

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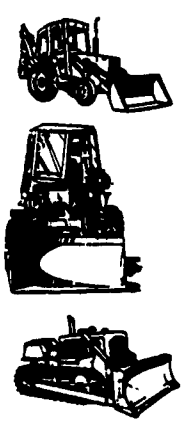

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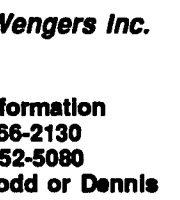

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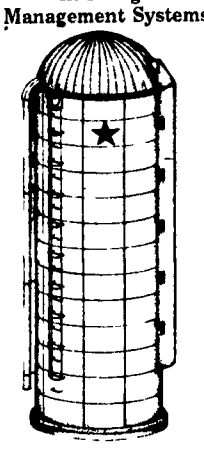

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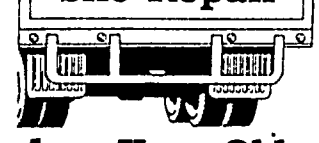

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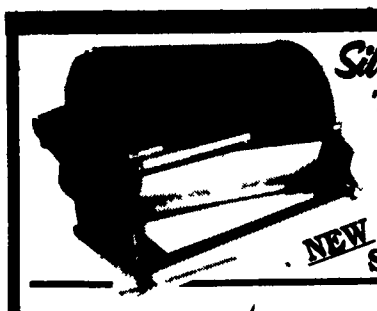

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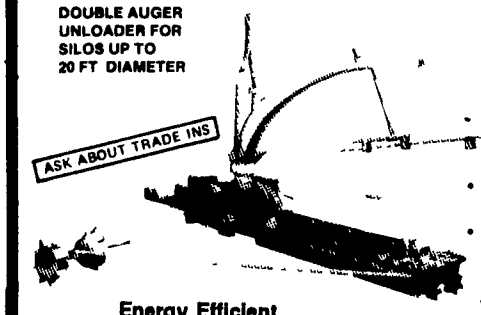

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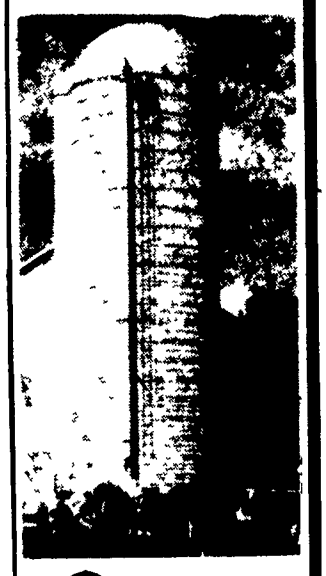

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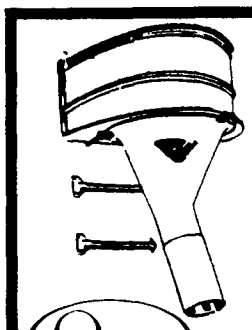

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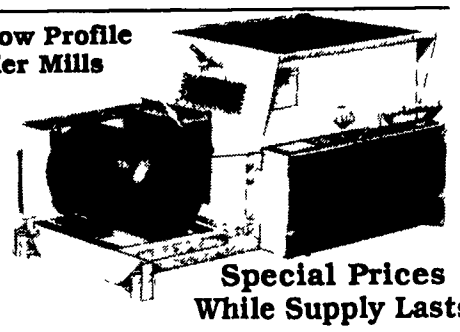

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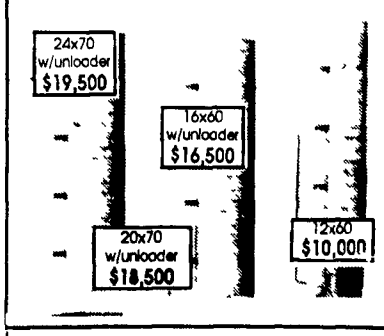

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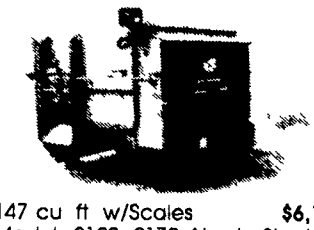
2000 Series



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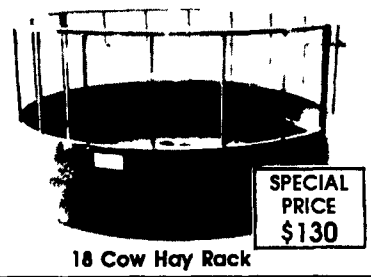

18 Cow Hay Rack

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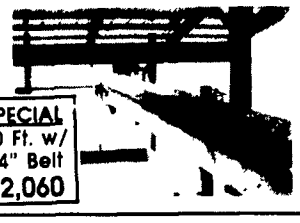

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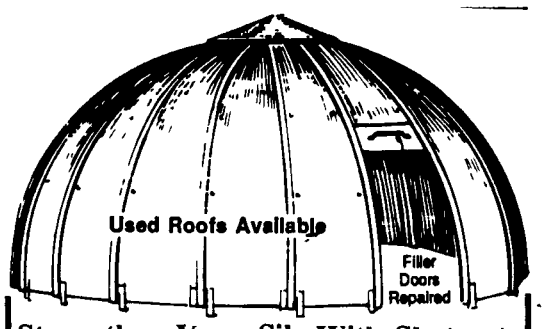

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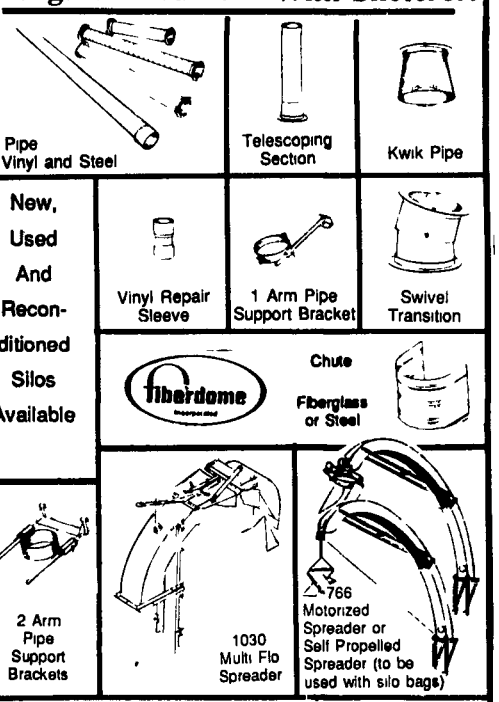
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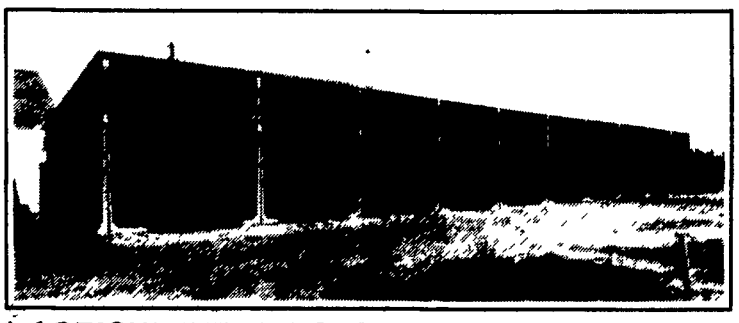

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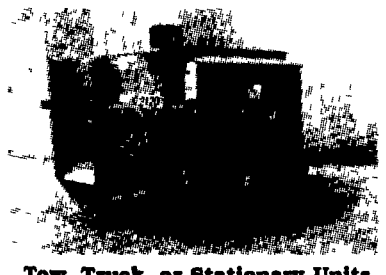
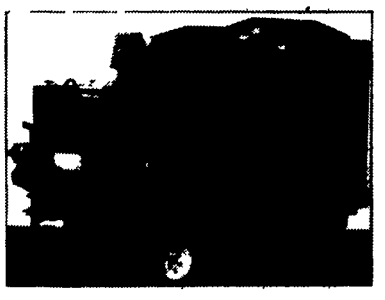


Tow, Truck, or Stationary Units. All of the Knight Reel Auggies are available for stationary applications, and all except the smallest RA2120 are available in low-type or truck mounted units.

ROVIBEC **MOBILE SUPER-MIX**



The SUPER-MIX is offered in four mixing capacities: model 525, 8-32 bu.; 530, 8-40 bu; 536, 8-48 bu and 542, 11-56 bu.

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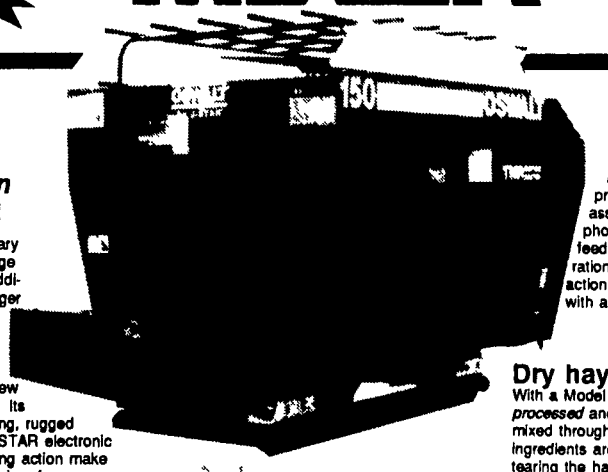

The Feed Room Mixer... That's *Big On* Performance!

The Model 150 Stationary Four Auger TMR Ruffage Master Mixer is a new addition to the family of bigger stationary and trailer 200 and 250 cu ft. capacity mixers... mixers that are setting a new standard for excellence Its 150 cu ft capacity sizing, rugged construction, reliable J-STAR electronic scale and superior mixing action make it the ideal four auger mixer for stationary feed room TMR setups

Superior Mixing Action Features Dry Hay Capability And Exclusive Tuff-Glide® Liners

Oswalt's aggressive notched 20" diameter full-pitch four auger mixing pattern produces a consistent, balanced, uniform ration that will benefit even the highest-producing dairy and beef animals Superior mixing action is why the Oswalt Stationary Model 150 TMR Ruffage Master can handle those hard-to-process feeds such as baled hay, brewers grains, cottonseed, animal fat, canola, produce and industrial by-products, in addition to haylage, corn silage, high moisture corn, grain, and other more common rations

Also keep in mind that proper mix may have to assure only a trace of calcium, phosphorus, selenium, or other feed materials in each cow's daily ration Oswalt's superior mixing action gives you that assurance, with an unmatched "quality of mix"

Dry hay capability
With a Model 150 mixer, hay is *processed* and evenly and aggressively mixed throughout the ration, while all ration ingredients are being mixed That means tearing the hay apart and reducing fiber length during the mixing process

Full Tuff-Glide® Liners
Low-friction, self-lubricating Tuff-Glide mixing chamber liners are one of the "secrets" of Oswalt's superior mixing action Oswalt's mixing pattern, and self-lubricating Tuff-Glide liners help feed material flow more freely, reducing horsepower requirements and virtually eliminating material hangups and dead spots Tuff-Glide liners also reduce mixing pressure as much as 25% The end result is an unmatched quality of mix in less time

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A rugged stationary feed room mixer designed to process and mix all feeds, including baled hay, into a fully-blended TMR.

TMR RUFFAGE MASTER

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